

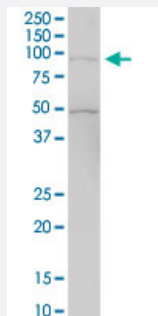
MaxPab®

## RASAL1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008437-B01P

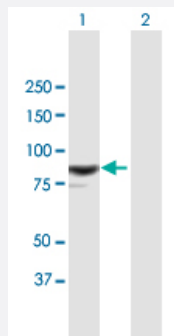
Size 50 ug

### Applications



#### Western Blot (Tissue lysate)

RASAL1 MaxPab polyclonal antibody. Western Blot analysis of RASAL1 expression in rat brain.



#### Western Blot (Transfected lysate)

Western Blot analysis of RASAL1 expression in transfected 293T cell line ([H00008437-T01](#)) by RASAL1 MaxPab polyclonal antibody.

Lane 1: RASAL1 transfected lysate(85.36 KDa).

Lane 2: Non-transfected lysate.

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human RASAL1 protein.

#### Immunogen

RASAL1 (AAH14420.1, 1 a.a. ~ 776 a.a) full-length human protein.

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence                      | MAKSSSLNVRVVEGRALPAKDVSGSSDPYCLVKVDDEVVARTATVWRS LGPFWGEEYTVHLPL<br>DFHQLAFYVLDEDTVGHDDIIGKISLSREAITADPRGIDSWINLSRVDPDAEVQGEICLSVQMLEDG<br>QGRCLRCHVLQARDLAPRDISGTSDPFARVFWGSQSLETSTIKKTRFPHWDEVLELREMPGAPS<br>PLRVELWDWDMVGKNDFLGMVEFSPKTLQQKPPKGWFRLLPFPRAEEDSGGNLGALRVKVRLI<br>EDRVLPSCYQPLMELLMESVQGPAAEDTASPLALLEELTLGDCRQDLATKLVKFLGRGLAGH<br>FLDYLTRREVARTMDPNTLFRSNSLASKSMEQFMKLVGMPYLHEVLKPVISRVFEEKKYMELDPC<br>KMDLGRTRRISFKGALSEEQMRETSLGLLTG YLGPVDAVGSVGRCPPAMRLAFKQLHRRVEER<br>FPQAEHQDVKYLAISGFLFLRFFAPAILTPKLFDLRDQHADPQTSRSLLLAKAVQSIGNLGQQLG<br>QGKELWMAPLHPFLLQC VSRVRDFLDRLVDVDGDEAGVPARALFPPSAMREGYLLKRKEEPAG<br>LATRFAFKKRYVWLSGETLSFSKSP EWQVVTQDGTGALHTTYLQCKNVNELNQWLSALRKASAP<br>NPNKLAACHPGAFRSARWTCCLQAERSAAGCSRTHSAVTLGDWSDPLDPDAEAQTVYRQLLLG<br>RDQLRLKLLSDSNMDTTLEADTGACPEVLARQRAATARLLEVLADLDRAHEEFQQQERGKAALG<br>PLGP |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                    | Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Interspecies Antigen Sequence | Mouse (83); Rat (83)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Applications

- Western Blot (Tissue lysate)

RASAL1 MaxPab polyclonal antibody. Western Blot analysis of RASAL1 expression in rat brain.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RASAL1 expression in transfected 293T cell line ([H00008437-T01](#)) by RASAL1 MaxPab polyclonal antibody.

Lane 1: RASAL1 transfected lysate(85.36 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — RASAL1

Entrez GeneID [8437](#)

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">BC014420</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | <a href="#">AAH14420.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Name           | RASAL1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias          | RASAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Description    | RAS protein activator like 1 (GAP1 like)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Omim ID             | <a href="#">604118</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Summary        | <p>The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. These proteins stimulate the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This particular family member contains domains which are characteristic of the GAP1 subfamily of RasGAP proteins but, in contrast to the other GAP1 family members, this protein is strongly and selectively expressed in endocrine tissues. [provided by RefSeq]</p> |
| Other Designations  | GAP1 like protein RAS protein activator like 1 RAS-GTPase-activating protein-like                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |