

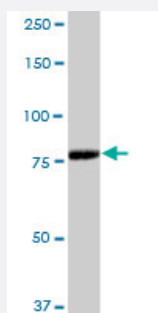
MaxPab®

# ADARB1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000104-B02P

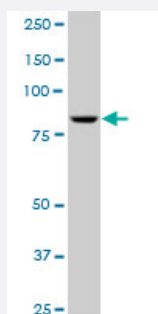
Size 50 ug

## Applications



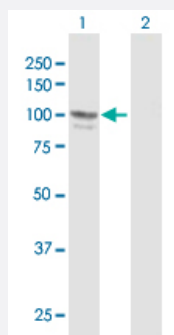
### Western Blot (Tissue lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in human kidney.



### Western Blot (Cell lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in A-431.

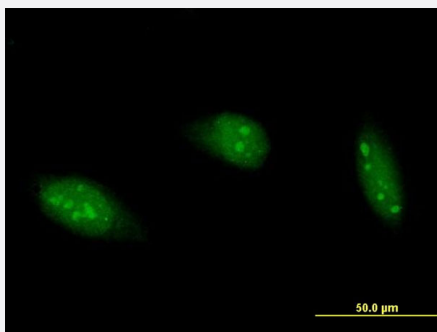


### Western Blot (Transfected lysate)

Western Blot analysis of ADARB1 expression in transfected 293T cell line ([H00000104-T03](#)) by ADARB1 MaxPab polyclonal antibody.

Lane 1: ADARB1 transfected lysate(81.51 KDa).

Lane 2: Non-transfected lysate.



## Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADARB1 on HeLa cell.  
[antibody concentration 10 ug/ml]

## Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a full-length human ADARB1 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                     | ADARB1 (NP_056648.1, 1 a.a. ~ 741 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Sequence</b>                      | MDIEDEENMSSSSTDVKENRNLDNVSPKDGSTPGPGEGSQLSNGGGGGPGRKRPLEEGSNHG<br>SKYRLKKRRKTPGPVLPKNALMQLNEIKPGLQYTLLSQTGPVHAPLFVMSVEVNGQVFEGSGPTK<br>KKAKLHAAEKALRSFVQFPNASEAHLAMGRTL SVNTDFTSDQADFPDTLNGFETPDKAEPFVY<br>VGSNGDDSFSSSGDLSLSPVPASLAQPPLPVLPFPFPPPSGKNPVMILNELRPGLKYDFLSES<br>GESHAJSFVMSVVVDGQFFEGSGRNKKLAKARAAQSALAAIFNLHLDQTPSRQPIPSEGLQLHL<br>PQVLADAVSRLVLGKFGDLTDNFSSPHARRKVLGVVMTTGTVDKAKVISVSTGKTCINGEYMS<br>DRGLALNDCHAEIISRRSLLRFLYTQLELYLNNKDDQKRSIFQKSERGGFRLKENVQFHL YISTSPC<br>GDARIFSPHEPILEGSRSYTQAGVQWCNHGSLQPRPPGLLSDPSTSTFQGAGTTEPADRHPNRK<br>ARGQLRTKIESGEGTIPVRSNASIQTDGVLQGERLLTMSCSDKIARWNVVGIQGSLLSIFVEPIYFS<br>SIILGSLYHGDHLSRAMYQRISNIEDLPPLYTLNKPILLSGISNAEARQPGKAPNFSVNWTVGDSAIEVI<br>NATTGKDELGRASRLCKHALYCRWMRVHGKVP SHLLRSKITKPNVYHESKLAKEYQAAKARLFT<br>AFIKAGLGAWVEKPTEQDQFSLTP |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Interspecies Antigen Sequence</b> | Mouse (90); Rat (90)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Quality Control Testing</b>       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Applications

- Western Blot (Tissue lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADARB1 MaxPab polyclonal antibody. Western Blot analysis of ADARB1 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ADARB1 expression in transfected 293T cell line ([H00000104-T03](#)) by ADARB1 MaxPab polyclonal antibody.

Lane 1: ADARB1 transfected lysate(81.51 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADARB1 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — ADARB1

Entrez GeneID

[104](#)

GeneBank Accession#

[NM\\_015833.2](#)

Protein Accession#

[NP\\_056648.1](#)

Gene Name

ADARB1

Gene Alias

ADAR2, ADAR2a, ADAR2a-L1, ADAR2a-L2, ADAR2a-L3, ADAR2b, ADAR2c, ADAR2d, ADAR2g, DRABA2, DRADA2, RED1

Gene Description

adenosine deaminase, RNA-specific, B1 (RED1 homolog rat)

Omim ID

[601218](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes the enzyme responsible for pre-mRNA editing of the glutamate receptor subunit B by site-specific deamination of adenosines. Studies in rat found that this enzyme acted on its own pre-mRNA molecules to convert an AA dinucleotide to an AI dinucleotide which resulted in a new splice site. Alternative splicing of this gene results in several transcript variants, some of which have been characterized by the presence or absence of an ALU cassette insert and a short or long C-terminal region. [provided by RefSeq]

**Other Designations**

ADAR2c ADAR2d|OTTHUMP00000115341|OTTHUMP00000115342|RNA editase|RNA editing deaminase 1|RNA-specific adenosine deaminase B1|adenosine deaminase acting on RNA type 2a|adenosine deaminase acting on RNA type2d|adenosine deaminase acting on RNA type2g|adenosin

**Disease**

- [Tobacco Use Disorder](#)