

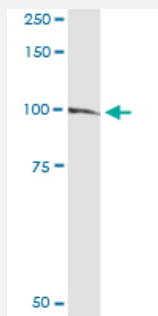
MaxPab®

RASA1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005921-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of RASA1 transfected lysate using anti-RASA1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with RASA1 purified MaxPab mouse polyclonal antibody (B01P) ([H00005921-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human RASA1 protein.

Immunogen

RASA1 (NP_072179.1, 1 a.a. ~ 870 a.a) full-length human protein.

Sequence

MKGWYHGKLDRTIAEERLRQAGKSGSYLIRESDRRPGSFVLSFLSQMNVVNHFRIAMCGDYYIGG
RRFSSLSDLIGYYSHVSCLLKGEKLLYPVAPPEPVEDRRRVRAILPYTKVPDTDEISFLKGDMFMVH
NELEDGWMWVTNLRTDEQGLVEDLVEEVGREEDPHEGKIWFHGKISKQEAYNLLMTVGQVCSF
LVRPSDNTPGDYSLYFRTNENIQRFKICPTPNNQFMMGGRYNSIGDIIDHYRKEQMEGYLKEPVP
MQDQEQVLNDTVDGKEIYNTIRRKTKDAFYKNVKKGYLLKKGKGKRWKNLYFILEGSDAQLYFES
EKRA TKPKGLIDLSVCSVYVHDSLFGRPNCFQIVVQHFSEEHYFYFAGETPEQAEDWMKGLQA
FCNLRKSSPGTSNKRLRQVSSLVLHIEEAHKLPVKHFTNPYCNMLNSVQVAKTHAREGQNPVWS
EEFVFDDLPPDINRFEITLSNKT KSKDPDILFMRQQLSRLQKGHATDEWFLSSHIPLKGIEPGSL
RVRARYSMEKIMPEEEYSEFKELILQKELHVYALSHVCGQDRTLLASILLRFLHEKLESLLLCTLN
DREISMEDEATTLFRATTLASTLMEQYMKATATQFVHHALKDSILKIMESKQSCELSPSKLEKNED
VNTNLTHLLNLSSELVEKIFMASEILPPTLRYYGCLQKSVQHKWPTNTTMRTRVVSGFVFLRLICPAI
LNPRMFNIISDSPSIAARTLILVAKSVQNLANLVEFGAKEPYMEGVNPFIKSNKHRMIMFLDELGNV
PELPDTTEHSRTDLSRDLAALHEICVAHSDELRTLSNERGAQQHVLKLLAITELLQQKQNKYTKT
NDVR

Host

Rabbit

Reactivity

Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

Immunoprecipitation of RASA1 transfected lysate using anti-RASA1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with RASA1 purified MaxPab mouse polyclonal antibody (B01P) ([H00005921-B01P](#)).

[Protocol Download](#)

Gene Info — RASA1

Entrez GeneID	5921
GeneBank Accession#	NM_022650
Protein Accession#	NP_072179.1
Gene Name	RASA1
Gene Alias	CM-AVM, CMAVM, DKFZp434N071, GAP, PKWS, RASA, RASGAP, p120GAP, p120RASGA P
Gene Description	RAS p21 protein activator (GTPase activating protein) 1
Omim ID	139150 608354 608355
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is located in the cytoplasm and is part of the GAP1 family of GTPase-activating proteins. The gene product stimulates 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. Mutations leading to changes in the binding sites of either protein are associated with basal cell carcinomas. Alternative splicing results in two isoforms where the shorter isoform, lacking the N-terminal hydrophobic region but retaining the same activity, appears to be abundantly expressed in placental but not adult tissues. [provided by RefSeq]
Other Designations	GTPase activating protein RAS p21 protein activator 1 triphosphatase-activating protein

Pathway

- [Axon guidance](#)
- [MAPK signaling pathway](#)

Disease

- [Adenoma](#)
- [Carcinoma](#)
- [Chromosome Aberrations](#)
- [Hypertension](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Nasopharyngeal Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Recurrence](#)
- [Thyroid Neoplasms](#)