

RASA2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58390**Specification****RASA2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q15283
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RASA2
Epitope Specificity	765-849/849
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Cytoplasm, perinuclear region.
SIMILARITY	Contains 1 Btk-type zinc finger.Contains 2 C2 domains.Contains 1 PH domain.Contains 1 Ras-GAP domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The protein encoded by this gene is member 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. This particular family member has a perinuclear localization and is an inositol 1,3,4,5-tetrakisphosphate-binding protein; a compound suggested to function as a second messenger. [provided by RefSeq, Jul 2008].

RASA2 Polyclonal Antibody - Additional Information**Gene ID** 5922**Other Names**

Ras GTPase-activating protein 2, GTPase-activating protein 1m, GAP1m, RASA2, GAP1M, RASGAP

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \><span class

=dilution_IF">IF~1:50~200<br \>E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RASA2 Polyclonal Antibody - Protein Information

Name RASA2

Synonyms GAP1M, RASGAP

Function

Inhibitory regulator of the Ras-cyclic AMP pathway. Binds inositol tetrakisphosphate (IP4).

Cellular Location

Cytoplasm. Cytoplasm, perinuclear region.

RASA2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RASA2 Polyclonal Antibody - Images