

RASA3 polyclonal antibody

Catalog # PAB6714

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of RASA3.
Immunogen	A synthetic peptide corresponding to human RASA3.
Sequence	C-QYKRDKFKKTKYGSQ
Host	Goat
Theoretical MW (kDa)	95.7
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RASA3

Entrez GeneID [22821](#)

Protein Accession# [NP_031394](#)

Gene Name RASA3

Gene Alias GAP1IP4BP, GAPIII, MGC46517, MGC47588

Gene Description RAS p21 protein activator 3

Omim ID [605182](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane. [provided by RefSeq]

Other Designations

GTPase activating protein III|Ins(1,3,4,5)P4-binding protein|inositol 1,3,4,5-tetrakisphosphate-binding protein

Publication Reference

- [NAK is recruited to the TNFR1 complex in a TNFalpha-dependent manner and mediates the production of RANTES: identification of endogenous TNFR-interacting proteins by a proteomic approach.](#)

Kuai J, Wooters J, Hall JP, Rao VR, Nickbarg E, Li B, Chatterjee-Kishore M, Qiu Y, Lin LL.

The Journal of Biological Chemistry 2004 Dec; 279(51):53266.