

RASA3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19031b

Specification

RASA3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O14644
Other Accession	NP_031394.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	95699
Antigen Region	594-623

RASA3 Antibody (C-term) - Additional Information

Gene ID 22821

Other Names

Ras GTPase-activating protein 3, GAP1(IP4BP), Ins P4-binding protein, RASA3

Target/Specificity

This RASA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 594-623 amino acids from the C-terminal region of human RASA3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RASA3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RASA3 Antibody (C-term) - Protein Information

Name RASA3

Function Inhibitory regulator of the Ras-cyclic AMP pathway. Binds inositol tetrakisphosphate (IP4) with high affinity. Might be a specific IP4 receptor.

Cellular Location

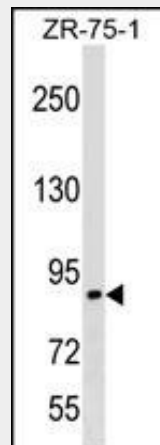
Cell membrane.

RASA3 Antibody (C-term) - 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](#)

RASA3 Antibody (C-term) - Images



RASA3 Antibody (C-term) (Cat. #AP19031b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the RASA3 antibody detected the RASA3 protein (arrow).

RASA3 Antibody (C-term) - Background

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.

RASA3 Antibody (C-term) - References

Kupzig, S., et al. Mol. Cell. Biol. 29(14):3929-3940(2009)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

Walker, S.A., et al. J. Biol. Chem. 277(50):48779-48785(2002)
Koehler, J.A., et al. Biochem. Biophys. Res. Commun. 283(4):888-895(2001)
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