10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SRGAP3 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21672b

Product Information

Application	WB, E
Primary Accession	O43295
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53248
Calculated MW	124504

Additional Information

Gene ID	9901
Other Names	SLIT-ROBO Rho GTPase-activating protein 3, srGAP3, Mental disorder-associated GAP, Rho GTPase-activating protein 14, WAVE-associated Rac GTPase-activating protein, WRP, SRGAP3, ARHGAP14, KIAA0411, KIAA1156, MEGAP, SRGAP2
Target/Specificity	This SRGAP3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 956-989 amino acids from the C-terminal region of human SRGAP3.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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	SRGAP3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SRGAP3
Synonyms	ARHGAP14, KIAA0411, KIAA1156, MEGAP, SRG

Function	GTPase-activating protein for RAC1 and perhaps Cdc42, but not for RhoA small GTPase. May attenuate RAC1 signaling in neurons.
Tissue Location	Highly expressed in adult and fetal brain. Expressed at low levels in kidney. Isoform 3 is expressed in the kidney but is absent in the brain.

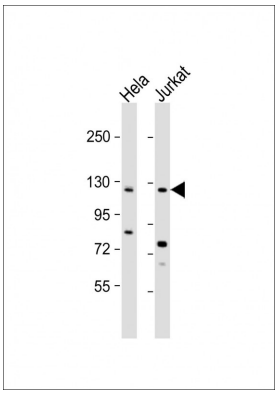
Background

GTPase-activating protein for RAC1 and perhaps Cdc42, but not for RhoA small GTPase. May attenuate RAC1 signaling in neurons.

References

Soderling S.H.,et al.Nat. Cell Biol. 4:970-975(2002).
Endris V.,et al.Proc. Natl. Acad. Sci. U.S.A. 99:11754-11759(2002).
Ishikawa K.,et al.DNA Res. 4:307-313(1997).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Wong K.,et al.Cell 107:209-221(2001).

Images



All lanes : Anti-SRGAP3 Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 125 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.