

For Research Use Only

SRGAP3 Polyclonal antibody

Catalog Number: 29624-1-AP



Basic Information

Catalog Number: 29624-1-AP	GenBank Accession Number: NM_014850	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 9901	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	UNIPROT ID: O43295	IHC 1:500-1:2000
Isotype: IgG	Full Name: SLIT-ROBO Rho GTPase activating protein 3	IF-P 1:50-1:500
Immunogen Catalog Number: AG31196	Calculated MW: 124 kDa	
	Observed MW: 125 kDa	

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human ovary cancer tissue,
	IF-P : mouse brain tissue,

Background Information

SRGAP3 (SLIT-ROBO Rho GTPase Activating Protein 3), also named MEGAP and WRP, is a member of the Slit-Robo sub-family of Rho GTPase-activating proteins (Rho GAPs), controls actin and microtubule dynamics through negative regulation of Rac(PMID: 23108406). Diseases associated with SRGAP3 include Pilomxoid Astrocytoma and Avoidant Personality Disorder. SRGAP3 is highly expressed in fetal and adult brain, including the cortex and the hippocampus.

Storage

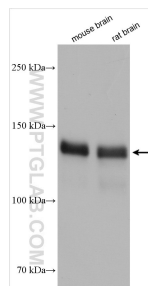
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

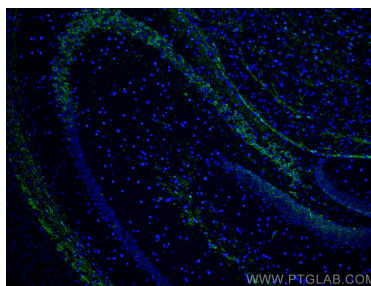
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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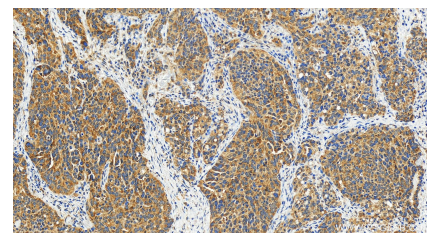
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29624-1-AP (SRGAP3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SRGAP3 antibody (29624-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29624-1-AP (SRGAP3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).