

For Research Use Only

RAB3GAP2 Polyclonal antibody

Catalog Number: 24599-1-AP



Basic Information

Catalog Number: 24599-1-AP	GenBank Accession Number: BC146760	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 25782	Recommended Dilutions: WB 1:2000-1:8000 IHC 1:20-1:200
Source: Rabbit	Full Name: RAB3 GTPase activating protein subunit 2 (non-catalytic)	
Isotype: IgG	Calculated MW: 1393 aa, 156 kDa	
Immunogen Catalog Number: AG20254	Observed MW: 150 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cells, mouse brain tissue

IHC : human brain tissue, human cerebellum tissue

Background Information

RAB3GAP2, also known as RAB3-GAP150, belongs to the Rab3-GAP regulatory subunit family. Rab3 GAP consists of two subunits: the catalytic subunit p130 and the noncatalytic subunit p150. Rab3 GAP is ubiquitously expressed and enriched in the synaptic soluble fraction of brain, consistent with it having a key role in neurodevelopment. RAB3-GAP150 forms the Rab3 GTPase-activating complex with RAB3-GAP130, where it constitutes the regulatory subunit, whereas the latter functions as the catalytic subunit. Defects in RAB3-GAP150 are the cause of Martsolf and Warburg Micro syndrome.

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**

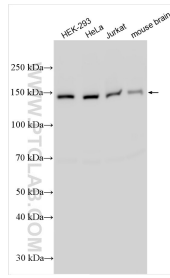
For technical support and original validation data for this product please contact:

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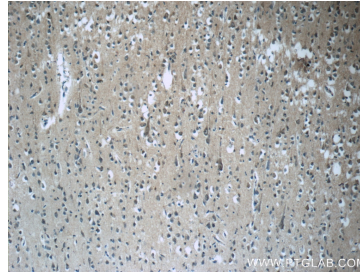
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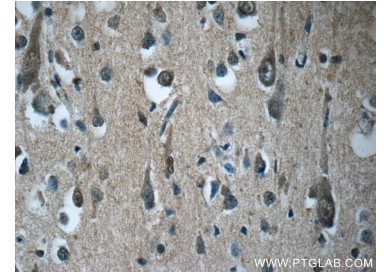
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24599-1-AP (RAB3GAP2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 24599-1-AP (RAB3GAP2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 24599-1-AP (RAB3GAP2 Antibody) at dilution of 1:50 (under 40x lens).