

For Research Use Only

RAB3GAP2 Monoclonal antibody, PBS Only



Catalog Number: 66648-1-PBS

Basic Information

Catalog Number: 66648-1-PBS	GenBank Accession Number: BC146760	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 25782	CloneNo.: 3A4A1
Source: Mouse	UNIPROT ID: Q9H2M9	
Isotype: IgG2a	Full Name: RAB3 GTPase activating protein subunit 2 (non-catalytic)	
Immunogen Catalog Number: AG20254	Calculated MW: 1393 aa, 156 kDa	
	Observed MW: 150 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

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

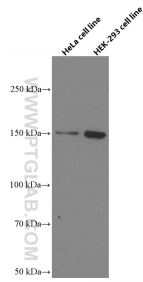
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



Various lysates were subjected to SDS PAGE followed by western blot with 66648-1-Ig (RAB3GAP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66648-1-PBS in a different storage buffer formulation.