

For Research Use Only

RAB3GAP2 Monoclonal antibody

Catalog Number: 66648-1-Ig



Basic Information

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|--|--|---|
| Catalog Number: 66648-1-Ig | GenBank Accession Number: BC146760 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 25782 | CloneNo.: 3A4A1 |
| Source: Mouse | Full Name: RAB3 GTPase activating protein subunit 2 (non-catalytic) | Recommended Dilutions: WB 1:1000-1:3000 |
| Isotype: IgG2a | Calculated MW: 1393 aa, 156 kDa | |
| Immunogen Catalog Number: AG20254 | Observed MW: 150 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : HeLa cells, HEK-293 cells |
| 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

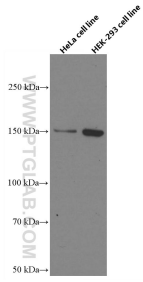
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.