

For Research Use Only

# RAB3GAP2 Monoclonal antibody

Catalog Number: 66648-1-Ig



## Basic Information

<b>Catalog Number:</b> 66648-1-Ig	<b>GenBank Accession Number:</b> BC146760	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1500 µg/ml	<b>GeneID (NCBI):</b> 25782	<b>CloneNo.:</b> 3A4A1
<b>Source:</b> Mouse	<b>Full Name:</b> RAB3 GTPase activating protein subunit 2 (non-catalytic)	<b>Recommended Dilutions:</b> WB 1:1000-1:3000
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 1393 aa, 156 kDa	
<b>Immunogen Catalog Number:</b> AG20254	<b>Observed MW:</b> 150 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells
<b>Species Specificity:</b> 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

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

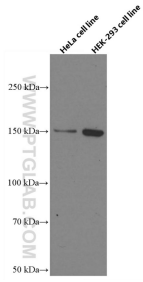
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## Selected Validation Data



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.