

# RAB3GAP2 Monoclonal antibody

Catalog Number: 66648-1-Ig

## Basic Information

**Catalog Number:**

66648-1-Ig

**Size:**

1500 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG20254

**GenBank Accession Number:**

BC146760

**GeneID (NCBI):**

25782

**Full Name:**RAB3 GTPase activating protein  
subunit 2 (non-catalytic)**Calculated MW:**

1393 aa, 156 kDa

**Observed MW:**

150 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

3A4A1

**Recommended Dilutions:**

WB 1:1000-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : HeLa cells, HEK-293 cells

## 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

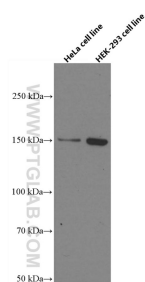
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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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.