

**RAB39B Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17799a****Specification**

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**RAB39B Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q96DA2](#)**RAB39B Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 116442**Other Names**

Ras-related protein Rab-39B, RAB39B

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RAB39B Antibody (N-term) Blocking Peptide - Protein Information****Name** RAB39B**Function**

Small GTPases Rab involved in autophagy (PubMed:<a href="http://www.uniprot.org/citations/27103069" target="\_blank">27103069</a>). The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed:<a href="http://www.uniprot.org/citations/27103069" target="\_blank">27103069</a>). May regulate the homeostasis of SNCA/alpha-synuclein. Together with PICK1 proposed to ensure selectively GRIA2 exit from the endoplasmic reticulum to the Golgi and to regulate AMPAR composition at the post- synapses and thus synaptic transmission (By similarity).

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasmic vesicle membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus Note=Partial colocalization with markers that cycle from the cell surface to the trans-Golgi network. {ECO:0000250|UniProtKB:Q8BHC1}

**Tissue Location**

Highly expressed in the brain.

## **RAB39B Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **RAB39B Antibody (N-term) Blocking Peptide - Images**

## **RAB39B Antibody (N-term) Blocking Peptide - Background**

This gene encodes a member of the Rab family of proteins. Rab proteins are small GTPases that are involved in vesicular trafficking.

## **RAB39B Antibody (N-term) Blocking Peptide - References**

Giannandrea, M., et al. Am. J. Hum. Genet. 86(2):185-195(2010) Ross, M.T., et al. Nature 434(7031):325-337(2005) Cheng, H., et al. Cytogenet. Genome Res. 97 (1-2), 72-75 (2002)  
Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)