

**RAB39B Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17799A**

**Specification**

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**RAB39B Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q96DA2</a>
Other Accession	<a href="#">Q8BHC1</a> , <a href="#">Q17QU4</a> , <a href="#">NP_741995.1</a>
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	24622
Antigen Region	12-40

**RAB39B Antibody (N-term) - Additional Information**

**Gene ID** 116442

**Other Names**

Ras-related protein Rab-39B, RAB39B

**Target/Specificity**

This RAB39B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human RAB39B.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RAB39B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**RAB39B Antibody (N-term) - Protein Information**

**Name** RAB39B

**Function** Small GTPases Rab involved in autophagy (PubMed:[27103069](#)). 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:[27103069](#)). 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

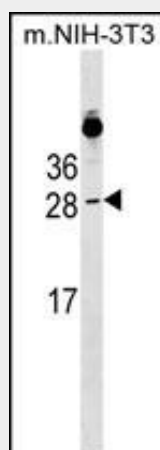
Highly expressed in the brain.

### RAB39B Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### RAB39B Antibody (N-term) - Images



RAB39B Antibody (N-term) (Cat. #AP17799a) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the RAB39B antibody detected the RAB39B protein (arrow).

### RAB39B Antibody (N-term) - 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) - 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)