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RAB6B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13850b

Specification

RAB6B Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9NRW1
Other Accession	P61294, A6QR46, NP_057661.3
Reactivity	**Human**
Predicted	**Bovine, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**23462**
Antigen Region	**167-195**

RAB6B Antibody (C-term) - Additional Information

Gene ID 51560

Other Names
Ras-related protein Rab-6B, RAB6B

Target/Specificity
This RAB6B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 167-195 amino acids from the C-terminal region of human RAB6B.

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
RAB6B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RAB6B Antibody (C-term) - Protein Information

Name RAB6B (HGNC:14902)

Function 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 active GTP-bound and inactive GDP-bound states. In their active state, drive transport of vesicular carriers from donor organelles to acceptor organelles to regulate the membrane traffic that maintains organelle identity and morphology (Probable). Recruits VPS13B to the Golgi membrane (PubMed:25492866). Regulates the compacted morphology of the Golgi (PubMed:26209634). Seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells (PubMed:17707369). Plays a role in neuron projection development (PubMed:25492866).

Cellular Location
Golgi apparatus membrane; Lipid-anchor. Endoplasmic reticulum-Golgi intermediate compartment Cytoplasmic vesicle. Note=Colocalizes with BICD1 at vesicular structures that align along microtubules

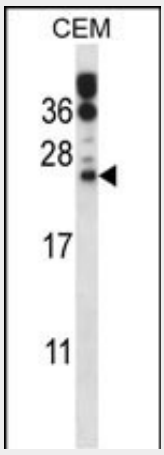
Tissue Location
Predominantly expressed in brain.

RAB6B Antibody (C-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 Cytomety
- Cell Culture

RAB6B Antibody (C-term) - Images



RAB6B Antibody (C-term) (Cat. #AP13850b) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the RAB6B antibody detected the RAB6B protein (arrow).

RAB6B Antibody (C-term) - Background

RAB6B seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells.

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RAB6B Antibody (C-term) - References

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