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RAB22A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18867b

Specification

RAB22A Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9UL26
Other Accession	P35285, NP_065724.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**21855**
Antigen Region	**166-192**

RAB22A Antibody (C-term) - Additional Information

Gene ID 57403

Other Names
Ras-related protein Rab-22A, Rab-22, RAB22A, RAB22

Target/Specificity
This RAB22A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-192 amino acids from the C-terminal region of human RAB22A.

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
RAB22A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RAB22A Antibody (C-term) - Protein Information

Name RAB22A

Synonyms RAB22

Function Plays a role in endocytosis and intracellular protein transport. Mediates trafficking of TF from early endosomes to recycling endosomes (PubMed:16537905). Required for NGF-mediated endocytosis of NTRK1, and subsequent neurite outgrowth (PubMed:21849477). Binds GTP and GDP and has low GTPase activity. Alternates between a GTP-bound active form and a GDP-bound inactive form (PubMed:16537905).

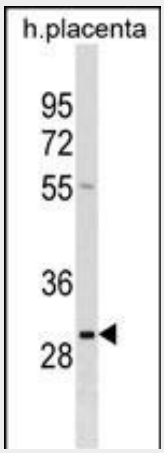
Cellular Location
Endosome membrane {ECO:0000250|UniProtKB:P51154}; Lipid-anchor. Cell membrane {ECO:0000250|UniProtKB:P51154}; Lipid-anchor. Early endosome. Late endosome {ECO:0000250|UniProtKB:P51154}. Cell projection, ruffle. Cytoplasmic vesicle. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Note=Recruited to phagosomes containing S.aureus or M.tuberculosis.

RAB22A 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

RAB22A Antibody (C-term) - Images



RAB22A Antibody (C-term)(Cat. #AP18867b) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the RAB22A antibody detected the RAB22A protein (arrow).

RAB22A Antibody (C-term) - Background

The protein encoded by this gene is a member of the RAB family of small GTPases. The GTP-bound form of the encoded protein has been shown to interact with early-endosomal antigen 1, and may be involved in the trafficking of and interaction between endosomal compartments.

RAB22A Antibody (C-term) - References

Zhu, H., et al. Mol. Biol. Cell 20(22):4720-4729(2009)
Magadan, J.G., et al. Mol. Cell. Biol. 26(7):2595-2614(2006)
Mesa, R., et al. Exp. Cell Res. 304(2):339-353(2005)
Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)
Weigert, R., et al. Mol. Biol. Cell 15(8):3758-3770(2004)