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RBG1L Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9365c

Specification

RBG1L Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q5R372

RBG1L Antibody (Center) Blocking Peptide - Additional Information

Gene ID 9910

Other Names
Rab GTPase-activating protein 1-like, RABGAP1L {ECO:0000312|EMBL:CAI189371}

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.

RBG1L Antibody (Center) Blocking Peptide - Protein Information

Name RABGAP1L {ECO:0000312|EMBL:CAI18937.1}

Function
GTP-hydrolysis activating protein (GAP) for small GTPase RAB22A, converting active RAB22A-GTP to the inactive form RAB22A-GDP (PubMed:16923123). Plays a role in endocytosis and intracellular protein transport. Recruited by ANK2 to phosphatidylinositol 3- phosphate (PI3P)-positive early endosomes, where it inactivates RAB22A, and promotes polarized trafficking to the leading edge of the migrating cells. Part of the ANK2/RABGAP1L complex which is required for the polarized recycling of fibronectin receptor ITGA5 ITGB1 to the plasma membrane that enables continuous directional cell migration (By similarity).

Cellular Location
Cytoplasmic vesicle {ECO:0000250|UniProtKB:A6H6A9}. Early endosome. Golgi apparatus. Note=Colocalizes on endosomes partially with EEA1 (PubMed:16923123). Colocalizes and cotransports on motile vesicles with ANK2 (By similarity). {ECO:0000250|UniProtKB:A6H6A9, ECO:0000269|PubMed:16923123}

RBG1L Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

RBG1L Antibody (Center) Blocking Peptide - Images

RBG1L Antibody (Center) Blocking Peptide - References

Oguri,M. Am. J. Hypertens. 23 (1), 70-77 (2010)Ishibashi,K. Genes Cells 14 (1), 41-52 (2009)