

**RAB22A Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18867b****Specification**

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**RAB22A Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9UL26](#)**RAB22A Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 57403**Other Names**

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

**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.

**RAB22A Antibody (C-term) Blocking Peptide - 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:<a href="http://www.uniprot.org/citations/16537905" target="\_blank">16537905</a>). Required for NGF-mediated endocytosis of NTRK1, and subsequent neurite outgrowth (PubMed:<a href="http://www.uniprot.org/citations/21849477" target="\_blank">21849477</a>). Binds GTP and GDP and has low GTPase activity. Alternates between a GTP-bound active form and a GDP-bound inactive form (PubMed:<a href="http://www.uniprot.org/citations/16537905" target="\_blank">16537905</a>).

**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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **RAB22A Antibody (C-term) Blocking Peptide - Images**

## **RAB22A Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the RABfamily of small GTPases. The GTP-bound form of the encoded proteinhas been shown to interact with early-endosomal antigen 1, and maybe involved in the trafficking of and interaction between endosomalcompartments.

## **RAB22A Antibody (C-term) Blocking Peptide - 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)