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Rab4 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10251b

Specification

Rab4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	P20338
Other Accession	NP_004569.2

Rab4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 5867

Other Names
Ras-related protein Rab-4A, RAB4A, RAB4

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.

Rab4 Antibody (C-term) Blocking peptide - Protein Information

Name RAB4A

Synonyms RAB4

Function
Small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state (PubMed:15907487, PubMed:16034420). Involved in protein transport (PubMed:29425100). Plays a role in vesicular traffic. Mediates VEGFR2 endosomal trafficking to enhance VEGFR2 signaling (PubMed:29425100). Acts as a regulator of platelet alpha- granule release during activation and aggregation of platelets (By similarity).

Cellular Location
Membrane; Peripheral membrane protein. Cytoplasm Early endosome membrane {ECO:0000250|UniProtKB:P05714}; Peripheral membrane protein {ECO:0000250|UniProtKB:P05714}. Recycling endosome membrane {ECO:0000250|UniProtKB:P05714}; Peripheral membrane protein

{ECO:0000250|UniProtKB:P05714}. Note=Generally associated with membranes. Cytoplasmic when phosphorylated by CDK1

Rab4 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

Rab4 Antibody (C-term) Blocking peptide - Images

Rab4 Antibody (C-term) Blocking peptide - References

Yamamoto, H., et al. Mol. Biol. Cell 21(15):2746-2755(2010)Eggers, C.T., et al. J. Biol. Chem. 284(47):32869-32880(2009)Yudowski, G.A., et al. Mol. Biol. Cell 20(11):2774-2784(2009)Jones, M.C., et al. Traffic 10(6):754-766(2009)Fernandez, D.R., et al. J. Immunol. 182(4):2063-2073(2009)