

RAB11FIP4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9742b**Specification**

RAB11FIP4 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q86YS3](#)**RAB11FIP4 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 84440

Other Names

Rab11 family-interacting protein 4, FIP4-Rab11, Rab11-FIP4, Arfophilin-2, RAB11FIP4, ARFO2, KIAA1821

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.

RAB11FIP4 Antibody (C-term) Blocking Peptide - Protein Information

Name RAB11FIP4

Synonyms ARFO2, KIAA1821

Function

Acts as a regulator of endocytic traffic by participating in membrane delivery. Required for the abscission step in cytokinesis, possibly by acting as an 'address tag' delivering recycling endosome membranes to the cleavage furrow during late cytokinesis. In case of infection by HCMV (human cytomegalovirus), may participate in egress of the virus out of nucleus; this function is independent of ARF6.

Cellular Location

Endosome. Cytoplasm, cytoskeleton, spindle Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Recycling endosome membrane; Peripheral membrane protein. Cleavage furrow. Midbody. Cytoplasmic vesicle. Note=Recruited to the cleavage furrow and the midbody during cytokinesis

Tissue Location

Present at high level in testis (at protein level). Weakly expressed in other tissues.

RAB11FIP4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RAB11FIP4 Antibody (C-term) Blocking Peptide - Images

RAB11FIP4 Antibody (C-term) Blocking Peptide - Background

Proteins of the large Rab GTPase family (see RAB1A; MIM 179508) have regulatory roles in the formation, targeting, and fusion of intracellular transport vesicles. RAB11FIP4 is one of many proteins that interact with and regulate Rab GTPases (Hales et al., 2001 [PubMed 11495908]).

RAB11FIP4 Antibody (C-term) Blocking Peptide - References

Douglas, J., et al. Nat. Genet. 39(8):963-965(2007)Shiba, T., et al. Proc. Natl. Acad. Sci. U.S.A. 103(42):15416-15421(2006)Lim, J., et al. Cell 125(4):801-814(2006)Fielding, A.B., et al. EMBO J. 24(19):3389-3399(2005)Wilson, G.M., et al. Mol. Biol. Cell 16(2):849-860(2005)