

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

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**RAB11FIP4 Antibody (C-term) Blocking Peptide - Product Information**Primary 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)