

(DANRE) rab11fip4a Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21730c

Specification

(DANRE) rab11fip4a Blocking Peptide (Center) - Product Information

Primary Accession [O3LGD4](#)

(DANRE) rab11fip4a Blocking Peptide (Center) - Additional Information

Gene ID 436806

Other Names

Rab11 family-interacting protein 4A, FIP4-Rab11, Rab11-FIP4-A, zRab11-FIP4-A, rab11fip4a, rab11fip4

Target/Specificity

The synthetic peptide sequence is selected from aa 203-216 of HUMAN rab11fip4a

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.

(DANRE) rab11fip4a Blocking Peptide (Center) - Protein Information

Name rab11fip4a

Synonyms rab11fip4

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 (By similarity). May play a role in differentiation during retinal development.

Cellular Location

Recycling endosome membrane; Peripheral membrane protein. Cleavage furrow. Midbody. Cytoplasmic vesicle. Note=Recruited to the cleavage furrow and the midbody during cytokinesis.

Tissue Location

Isoform 1 is predominantly expressed in neural tissues. Isoform B is expressed ubiquitously. In the developing retina, it is expressed in progenitors throughout the retina at early stages and

becomes restricted to the ganglion cell layer and ciliary marginal zone as differentiation proceeds.

(DANRE) rab11fip4a Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

(DANRE) rab11fip4a Blocking Peptide (Center) - Images

(DANRE) rab11fip4a Blocking Peptide (Center) - Background

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(DANRE) rab11fip4a Blocking Peptide (Center) - References

Muto A., et al. Dev. Biol. 292:90-102(2006).