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(DANRE) rab11fip4a Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21730c

Product Information

Application	WB, E
Primary Accession	Q3LGD4
Reactivity	Human, Zebrafish
Predicted	Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB46769
Calculated MW	70946

Additional Information

Gene ID	436806
Other Names	Rab11 family-interacting protein 4A, FIP4-Rab11, Rab11-FIP4-A, zRab11-FIP4-A, rab11fip4a, rab11fip4
Target/Specificity	This (DANRE) rab11fip4a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 183-216 amino acids from the Central region of DANRE rab11fip4a.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	(DANRE) rab11fip4a Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

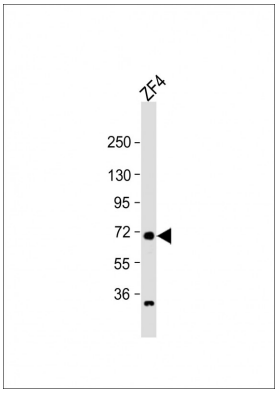
Background

Acts as a regulator of endocytic traffic by participating in membrane delivery. Required for the abcission 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.

References

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

Images



Anti-rab11fip4a Antibody (Center) at 1:1000 dilution + ZF4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 71 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.