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(DANRE) cyfip1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb19126c

Product Information

Application	WB, E
Primary Accession	Q90YM8
Reactivity	Human, Zebrafish, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB47040
Calculated MW	145174

Additional Information

Gene ID	336613
Other Names	Cytoplasmic FMR1-interacting protein 1 homolog, cyfip1 {ECO:0000312|ZFIN:ZDB-GENE-030131-8557}
Target/Specificity	This DANRE cyfip1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 524-558 amino acids from the Central region of DANRE cyfip1.
Dilution	WB~~1:2000 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) cyfip1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	cyfip1 {ECO:0000312|ZFIN:ZDB-GENE-030131-8557}
Function	Involved in formation of membrane ruffles and lamellipodia protrusions and in axon outgrowth. Binds to F-actin but not to RNA (By similarity).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:Q7TMB8}. Cytoplasm, perinuclear region

{ECO:0000250|UniProtKB:Q7TMB8}. Cell projection, lamellipodium {ECO:0000250|UniProtKB:Q7TMB8}. Cell projection, ruffle {ECO:0000250|UniProtKB:Q7TMB8}. Synapse, synaptosome {ECO:0000250|UniProtKB:Q7TMB8}. Note=Highly expressed in the perinuclear region (By similarity). Enriched in synaptosomes (By similarity). Also enriched in membrane ruffles and at the tips of lamellipodia (By similarity). {ECO:0000250|UniProtKB:Q7TMB8}

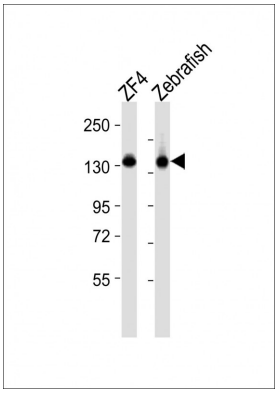
Background

Involved in formation of membrane ruffles and lamellipodia protrusions and in axon outgrowth. Binds to F-actin but not to RNA (By similarity).

References

Schenck A.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:8844-8849(2001).

Images



All lanes : Anti-cyfip1 Antibody (Center) at 1:2000 dilution Lane 1: ZF4 whole cell lysates Lane 2: Zebrafish lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 145 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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