



[Go to Product page](#)

Datasheet for ABIN6139306
anti-CYFIP1 antibody (AA 1-270)

1 Image

Overview

Quantity:	100 µL
Target:	CYFIP1
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYFIP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human CYFIP1 (NP_055423.1).
Sequence:	MAAQVTLEDA LSNVDLLEEL PLPDQQPCIE PPPSSLLYQP NFNTNFEDRN AFVTGIARYI EQATVHSSMN EMLEEGQEYA VMLYTWRS CS RAIPQVKCNE QPNRVEIYEK TVEVLEPEVT KLMNFMFYQR NAIERFCGEV RRLCHAERRK DVFSEAYLIT LGKFINMFAV LDELKNMKCS VKNDHSAYKR AAQFLRK MAD PQSIQESQNL SMFLANHNKI TQSLQQQLEV ISGYEELLAD IVNLCVDYYE NRMYLTPSEK HMLLKVMGFG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

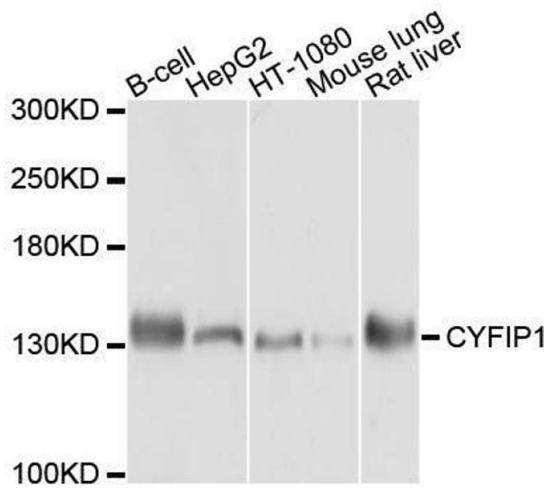
Target:	CYFIP1
Alternative Name:	CYFIP1 (CYFIP1 Products)
Background:	Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit is an adapter between EIF4E and FMR1. Promotes the translation repression activity of FMR1 in brain probably by mediating its association with EIF4E and mRNA (By similarity. Regulates formation of membrane ruffles and lamellipodia. Plays a role in axon outgrowth. Binds to F-actin but not to RNA. Part of the WAVE complex that regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1. Regulator of epithelial morphogenesis. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity. May act as an invasion suppressor in cancers.,CYFIP1,P140SRA-1,SHYC,SRA-1,SRA1,CYFIP1
Molecular Weight:	51 kDa/94 kDa/145 kDa
Gene ID:	23191
UniProt:	Q7L576

Application Details

Application Notes:	WB,1:1000 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CYFIP1 antibody.