Product Datasheet

CYFIP1 Rabbit mAb

Catalog No: #52241

Package Size: #52241-1 50ul #52241-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

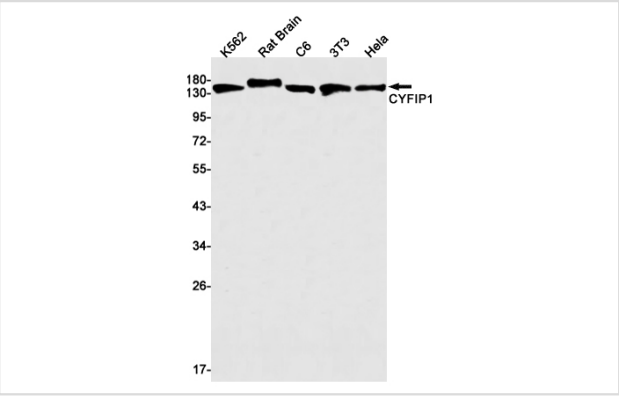
Description

Product Name	CYFIP1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-9B4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human CYFIP1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	SHYC; SRA1; SRA-1; P140SRA-1
Accession No.	Swiss-Prot:Q7L576GeneID:23191
Uniprot	Q7L576
GeneID	23191
Calculated MW	Calculated MW: 145 kDa; Observed MW: 145 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000-1/5000;

Images



Western blot detection of CYFIP1 in K562,Rat Brain,C6,3T3,Hela cell lysates using CYFIP1 Rabbit mAb(1:1000 diluted).Predicted band size:145kDa.Observed band size:145kDa.

Background

Swiss-Prot Acc.Q7L576.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 . 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 . May act as an invasion suppressor in cancers.

Note: This product is for in vitro research use only