



CYFP1 rabbit pAb

Cat No.:ES10592

For research use only

Overview

Product Name	CYFP1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 980-1060
Specificity	CYFP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Cytoplasmic FMR1-interacting protein 1 (Specifically Rac1-associated protein 1) (Sra-1) (p140sra-1)
Gene Name	CYFIP1 KIAA0068
Cellular localization	Cytoplasm . Cytoplasm, perinuclear region . Cell projection, lamellipodium . Cell projection, ruffle . Cell junction, synapse, synaptosome . 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). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	137kD
Human Gene ID	23191
Human Swiss-Prot Number	Q7L576
Alternative Names	
Background	function:Involved in formation of membrane ruffles and lamellipodia protrusions and in axon outgrowth.





ELK Biotechnology

Binds to F-actin but not to RNA.,similarity:Belongs to the CYFIP family.,subcellular location:Highly expressed in the perinuclear region. Enriched in synaptosomes, membrane ruffles and at the tips of lamellipodia.,subunit:Interacts with the active GTP-bound form of RAC1. Interacts with FMR1/FMRP but does not bind to related proteins FXR1 or FXR2. Component of the WAVE2 complex composed of ABI1, CYFIP1/SRA1, NCKAP1/NAP1 and WASF2/WAVE2 (By similarity). Interacts through its C-terminus with the C-terminus of DPYSL2/CRMP2 which is necessary for DPYSL2-induced axon outgrowth.,



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C