



CYFP1 Polyclonal Antibody

Catalog No	YP-Ab-06514
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CYFIP1 KIAA0068
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, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CYFIP1;KIAA0068;P140SRA 1;SHYC;Sra 1;SRA1;CYFP1;CYFIP1 KIAA0068; Cytoplasmic FMR1-interacting protein 1 (Specifically Rac1-associated protein 1) (Sra-1) (p140sra-1)
Observed Band	140-145 kDa
Calculated Molecular Weight	1253 aa, 145 kDa
Cell Pathway	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). .
Tissue Specificity	B-cell lymphoma,Bone marrow,Brain,Hepatoma,Lung,Placenta,
Function	function:Involved in formation of membrane ruffles and lamellipodia protrusions and in axon outgrowth. 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.,

Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images