

**CYFP1 Polyclonal Antibody**

<b>Catalog No :</b>	YN1646
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CYFP1
<b>Fields :</b>	>>Regulation of actin cytoskeleton;>>Pathogenic Escherichia coli infection;>>Salmonella infection
<b>Gene Name :</b>	CYFIP1 KIAA0068
<b>Protein Name :</b>	Cytoplasmic FMR1-interacting protein 1 (Specifically Rac1-associated protein 1) (Sra-1) (p140sra-1)
<b>Human Gene Id :</b>	23191
<b>Human Swiss Prot No :</b>	Q7L576
<b>Mouse Swiss Prot No :</b>	Q7TMB8
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 980-1060
<b>Specificity :</b>	CYFP1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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<b>Observed Band :</b>	137kD
<b>Cell Pathway :</b>	Regulates Actin and Cytoskeleton;
<b>Background :</b>	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.,
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<b>Subcellular Location :</b>	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). .
<b>Expression :</b>	B-cell lymphoma,Bone marrow,Brain,Hepatoma,Lung,Placenta,
<b>Sort :</b>	18714
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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