

CYFP1 Polyclonal Antibody

Cat No: HR1AP11703

For research use only

Overview

Product Name	CYFP1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	137kDa
GeneID?Human?	CYFIP1 KIAA0068
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	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.,