

CYFIP2 Polyclonal Antibody

Cat No: HR1AP9611

For research use only

Overview

Product Name	CYFIP2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	150+45kDa
GeneID?Human?	CYFIP2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Cytoplasmic FMR1-interacting protein 2 (p53-inducible protein 121)
Background	<p>disease:Up-regulated significantly in CD4+ T lymphocytes from patients with multiple sclerosis (at protein level).,function:Involved in T-cell adhesion and p53-dependent induction of apoptosis. Does not bind RNA.,induction:By p53.,RNA editing:Partially edited. Editing appears to be brain-specific.,similarity:Belongs to the CYFIP family.,subcellular location:Highly expressed in the perinuclear region. Enriched in synaptosomes. Treatment with leptomycin-B triggers translocation to the nucleus.,subunit:Interacts with FMR1, FXR1 AND FXR2. Component of the WAVE1 complex composed of ABI2, CYFIP2, C3orf10/HSPC300, NCKAP1 and WASF1/WAVE1. CYFIP2 binds to activated RAC1 which causes the complex to dissociate, releasing activated WASF1. The complex can also be activated by NCK1.,</p>