

Datasheet for ABIN7149328
anti-CYFIP1 antibody (AA 320-449)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CYFIP1
Binding Specificity:	AA 320-449
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYFIP1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cytoplasmic FMR1-interacting protein 1 protein (320-449AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CYFIP1
Alternative Name:	CYFIP1 (CYFIP1 Products)
Background:	Background: Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit is an

Target Details

adapter between EIF4E and FMR1. Promotes the translation repression activity of FMR1 in brain probably by mediating its association with EIF4E and mRNA (By similarity). Regulates formation of membrane ruffles and lamellipodia. Plays a role in axon outgrowth. Binds to F-actin but not to RNA. Part of the WAVE complex that regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1.

Regulator of epithelial morphogenesis. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity). May act as an invasion suppressor in cancers.

Aliases: CY antibody, CYFIP 1 antibody, CYFIP1 antibody, CYFP1_HUMAN antibody, Cytoplasmic FMR1 interacting protein 1 antibody, Cytoplasmic FMR1-interacting protein 1 antibody, FLJ45151 antibody, KIAA0068 antibody, p140sra 1 antibody, p140sra-1 antibody, P140SRA1 antibody, Selective hybridizing clone antibody, SHYC antibody, Specifically Rac1 associated protein 1 antibody, Specifically Rac1-associated protein 1 antibody, SRA 1 antibody, Sra-1 antibody, SRA1 antibody

UniProt: [Q7L576](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

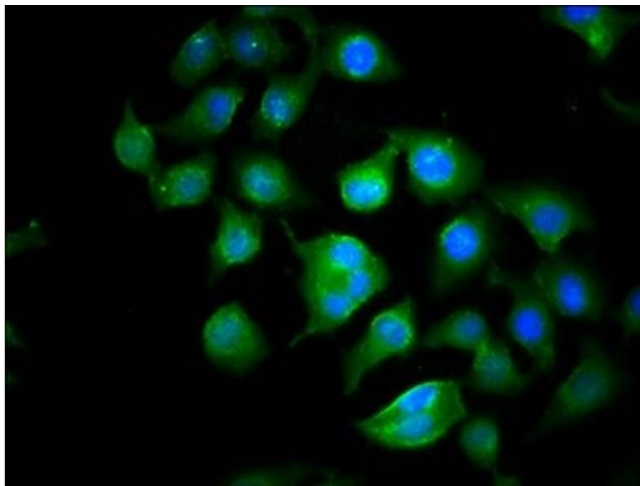
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7149328 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).