

# CYFIP1 Rabbit pAb

**Catalog No.: A10291**

## Basic Information

### Observed MW

145kDa

### Calculated MW

145kDa

### Category

Primary antibody

### Applications

ELISA, WB, IP

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a protein that regulates cytoskeletal dynamics and protein translation. The encoded protein is a component of the WAVE regulatory complex (WRC), which promotes actin polymerization. This protein also interacts with the synaptic functional regulator FMR1 protein and translation initiation factor 4E to inhibit protein translation. A large chromosomal deletion including this gene is associated with increased risk of schizophrenia and epilepsy in human patients. Reduced expression of this gene has been observed in various human cancers and the encoded protein may inhibit tumor invasion.

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

23191

### Swiss Prot

Q7L576

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human CYFIP1 (NP\_055423.1).

### Synonyms

SHYC; SRA1; SRA-1; P140SRA-1; CYFIP1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

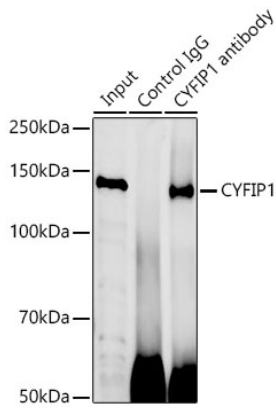
Affinity purification

### Storage

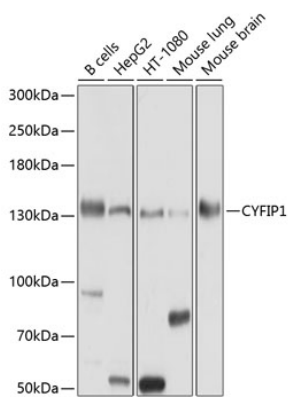
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Immunoprecipitation analysis of 300  $\mu$ g extracts of BT-474 cells using 3  $\mu$ g CYFIP1 antibody (A10291). Western blot was performed from the immunoprecipitate using CYFIP1 antibody (A10291) at a dilution of 1:500.



Western blot analysis of various lysates using CYFIP1 Rabbit pAb (A10291) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.