

# CYFIP1 Rabbit mAb

Catalog No.: A20924 **Recombinant**

## Basic Information

### Observed MW

145kDa

### Calculated MW

145kDa

### Category

Primary antibody

### Applications

ELISA,WB,IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2899

## 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

<b>WB</b>	1:100 - 1:500
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

23191

### Swiss Prot

Q7L576

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CYFIP1 (Q7L576).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

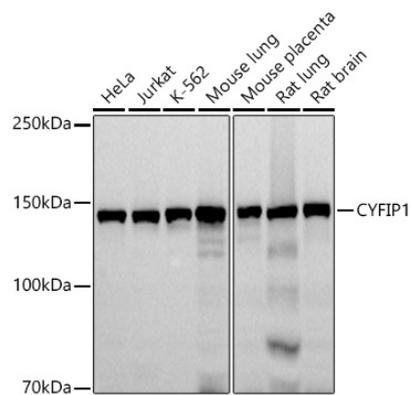
### Storage

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

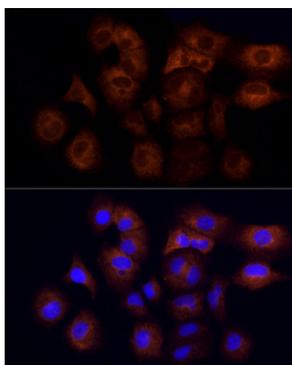
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CYFIP1 antibody (A20924) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of A-549 cells using CYFIP1 Rabbit mAb (A20924) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.