

# CFL1 Rabbit pAb

Catalog No.: A1704 **4 Publications**

## Basic Information

### Observed MW

19kDa

### Calculated MW

19kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

1072

### Swiss Prot

P23528

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CFL1 (NP\_005498.1).

### Synonyms

CFL; cofilin; HEL-S-15; CFL1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

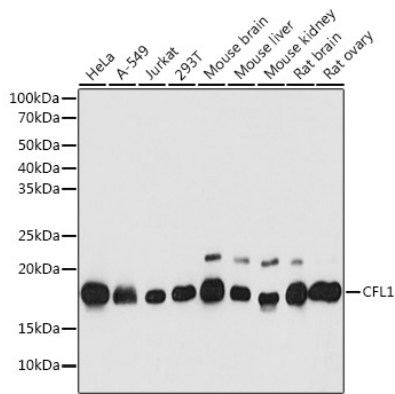
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CFL1 antibody (A1704) at 1:1000 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: 3s.