# Cofilin Rabbit mAb

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**ABclonal** 

Catalog No.: A2658 Recombinant 2 Publications

## **Basic Information**

### **Observed MW**

19kDa

### **Calculated MW**

19kDa

### Category

Primary antibody

### **Applications**

WB,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC2615

# **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 Rhoinduced 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** 1:1000 - 1:4000

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 1072 P23528

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

CFL; cofilin; HEL-S-15; Cofilin

# **Contact**

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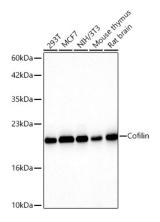
## **Product Information**

Source Isotype **Purification** Rabbit IgG Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using Cofilin Rabbit mAb (A2658) at 1:1000 dilution incubated overnight at  $4^{\circ}$ C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.