

CFL1

Reactivity:Human Mouse

Tested applications:WB IHC FC

Recommended Dilution:WB 1:500 - 1:1000 IHC 1:50 - 1:100 FC 1:20 - 1:50

Calculated MW:18kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human CFL1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

CFL; CFL1;p18;Cofilin 1;

Catalog #:A0607

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1072

Isotype:IgG

Swiss Prot:P23528

Purity:Affinity purification

For research use only.

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.[supplied by OMIM, Apr 2004]

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