

Phospho-CFL1-Y139

Reactivity: Human Mouse Rat

Tested applications: IHC

Recommended Dilution: IHC 1:50 - 1:100

Calculated MW: 19kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y139 of human CFL1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

CFL;

Catalog #: AP0330

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.

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