COFILIN RABBIT PAB

Cat.#: N225279

Product Name: Anti-Cofilin Rabbit pAb

Synonyms: CFL1; CFL; Cofilin-1; 18 kDa phosphoprotein; p18; Cofilin; non-muscle isoform

UNIPROT ID: P23528

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]

Immunogen: Peptide sequence around aa. 86~90 (A-T-Y-E-T) derived from Human coflin1/cofilin2.

Applications: WB,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 19 kDa; Observed MW: 19 kDa

Isotype: IgG

Purification: Affinity Chromatography

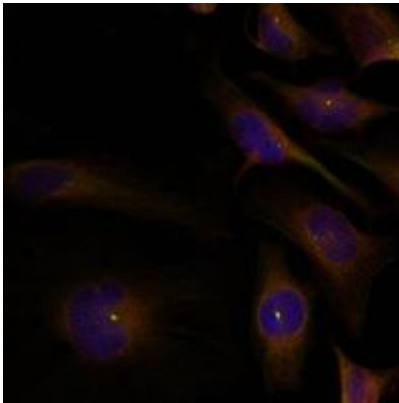**Species Reactivity:** Human,Mouse,Rat

Conjugation: Unconjugated
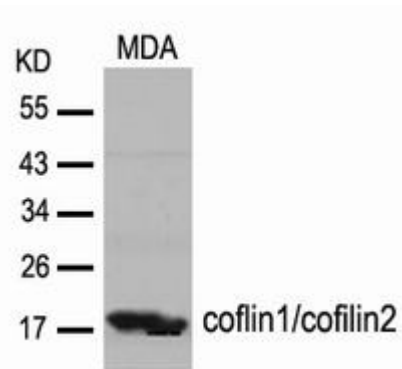
Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

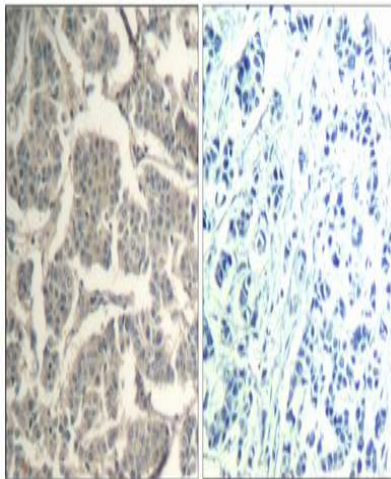**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunofluorescence analysis of Cofilin in Hela using coflin1/cofilin2 (Ab88) antibody.

Western blot analysis of Cofilin in MDA lysates using coflin1/cofilin2 (Ab88) antibody.

Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using coflin1/cofilin2 (Ab88) antibody (left) or the same antibody preincubated with blocking peptide (right).High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.