

Rabbit Cofilin1/Cofilin2 Polyclonal Antibody

Cofilin1/Cofilin2 antibody

CATALOG # AAA107943	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

Cofilin1/Cofilin2; Polyclonal Antibody; Cofilin1/Cofilin2 antibody; Polyclonal Cofilin1/Cofilin2; Anti-Cofilin1/Cofilin2; Cofilin/Cofilin2 1; CFL2; Cofilin 1 non muscle n cofilin; Phospho Tyr88; Cofilin 2 non muscle n cofilin; Cofilin 2; Cofilin/Cofilin2-1; CFL1; Cofilin 1;; anti-Cofilin1/Cofilin2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Cofilin1/Cofilin2 antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-Cofilin1/Cofilin2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Actin-binding proteins regulate assembly and disassembly of actin filaments. Cofilin, a member of the ADF/cofilin family is actually a protein with 70% sequence homology to ADF, making it part of the ADF/cofilin family of small ADP-binding proteins. The protein binds to actin monomers and filaments, G actin and F actin, respectively. Cofilin causes depolymerization at the minus end of filaments, thereby preventing their reassembly. The protein is known to sever actin filaments by creating more positive ends on filament fragments.
Cross-Reactivity	Human, Mouse
Immunogen	Cofilin1/Cofilin2 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of tyrosine 88 (A-T-Y(p)-E-T) derived from Human cofilin1/cofilin2 as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from Mouse heart tissue using cofilin1/cofilin2 (Phospho-Tyr88) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using cofilin1/cofilin2 (Phospho-Tyr88) antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-Cofilin1/Cofilin2 antibody	Rabbit polyclonal Cofilin1/Cofilin2 antibody
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cofilin1-cofilin2-antibody-western-blot-immunohistochemistry-elisa/107943>