

Rabbit anti-Human Cofilin 2 Polyclonal Antibody | anti-CFL2 antibody

Cofilin 2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303838	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

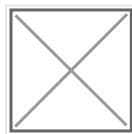
PRODUCT SYNONYMS

Cofilin 2; Polyclonal Antibody; Cofilin 2 antibody; NEM7; anti-CFL2 antibody

PRODUCT SPECIFICATIONS

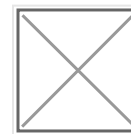
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 1XPBS, 1%BSA, 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	166
Applicable Applications for anti-CFL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 92 and 152 of Cofilin 2
Target Name	Cofilin 2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



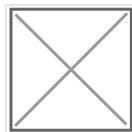
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Cofilin 2 antibody at 1:200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded gastric CA, using Cofilin 2 antibody at 1:100 dilution.



Application Data

Sample(30 ug of whole cell lysate)A: Raji 12% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-CFL2 antibody	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. (Gillett et al., 1996 [PubMed 8800436]). Cofilin-2 is a member of the AC group of proteins that also includes cofilin-1 (CFL1) and destrin (DSTN; MIM 609114), all of which regulate actin-filament dynamics (Bamburg et al., 1999 [PubMed 10461190]; Maciver and Hussey, 2002). The CFL2 gene encodes a skeletal muscle-specific isoform (Vartiainen et al., 2002 [PubMed 11809832]) localized to the thin filaments, where it exerts its effect on actin, in part through interactions with tropomyosins (Ono and Ono, 2002 [PubMed 11901171]).[supplied by OMIM]
Product Categories/Family for anti-CFL2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946278
NCBI GeneID	1073
NCBI Accession #	NP_619579
NCBI GenBank Nucleotide #	NM_138638.4
Molecular Weight	– Da
NCBI Official Full Name	cofilin-2 isoform 1
NCBI Official Synonym Full Names	cofilin 2 (muscle)
NCBI Official Symbol	CFL2
NCBI Official Synonym Symbols	NEM7
NCBI Protein Information	cofilin-2
UniProt Protein Name	Cofilin-2
UniProt Gene Name	CFL2
UniProt Entry Name	COF2_HUMAN

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.