

Cofilin 2 antibody

Catalog No: #22459

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Cofilin 2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
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
Other Names	NEM7
Accession No.	Swiss-Prot:Q9Y281Gene ID:1073
Uniprot	Q9Y281
GeneID	1073;
Concentration	1mg/ml
Formulation	Supplied in 1XPBS, 1%BSA, 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

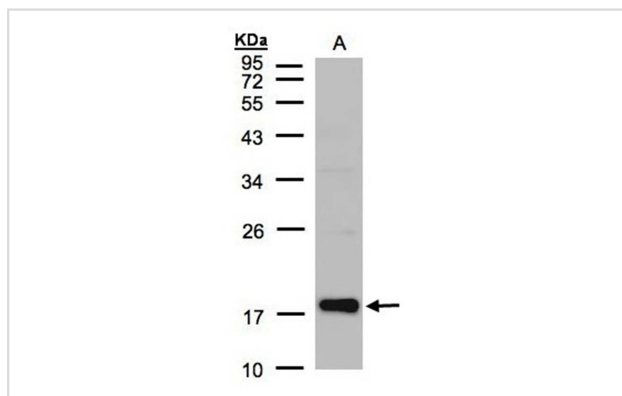
Predicted MW: 19kd

Western blotting: 1:500-1:3000

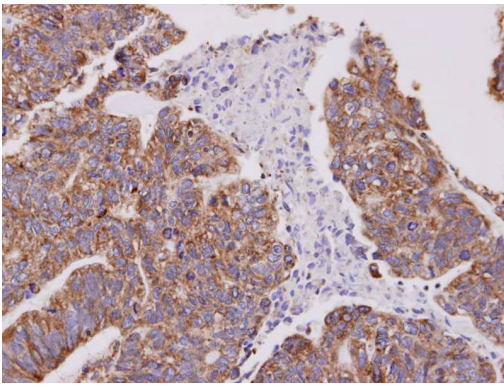
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

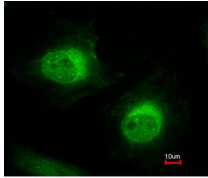
Images



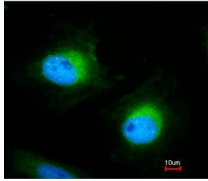
Sample(30 ug of whole cell lysate)
A: Raji
12% SDS PAGE
Primary antibody diluted at 1: 1000



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



Merged with DNA probe



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

Background

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]

Note: This product is for in vitro research use only