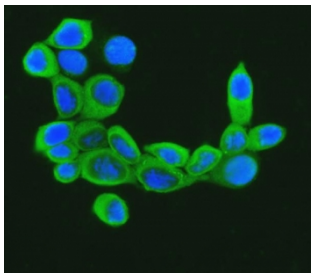
Cofilin Antibody (R32024)

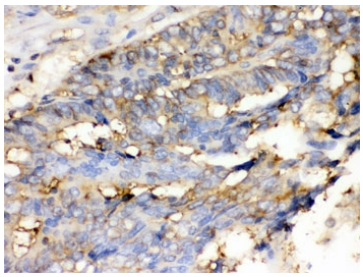
Catalog No.	Formulation	Size
R32024	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

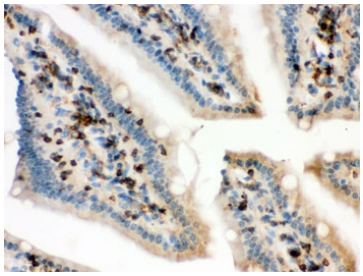
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P23528
Localization	Cytoplasmic, membrane
Applications	Western blot: 0.1-0.5ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml Immunofluorescence: 5ug/ml
Limitations	This Cofilin antibody is available for research use only.



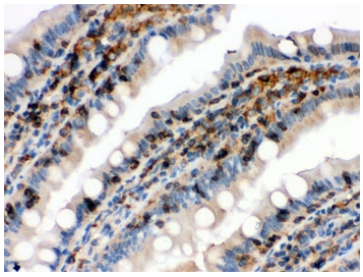
Immunofluorescent staining of FFPE human MCF7 cells with Cofilin antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



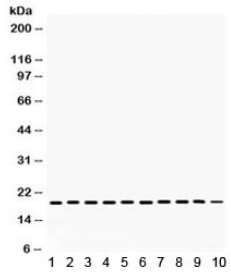
IHC testing of FFPE human intestinal cancer tissue with Cofilin antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE mouse intestine with Cofilin antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE rat intestine with Cofilin antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



Western blot testing of 1) rat testis, 2) rat lung, 3) rat ovary, 4) mouse liver, 5) mouse brain, 6) mouse lung, and human 7) HeLa, 8) Jurkat, 9) A549, 10) SMMC lysate with Cofilin antibody. Expected/observed molecular weight ~19 kDa.

Description

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. It is a ubiquitous actin-binding factor required for the reorganization of actin filaments.

Application Notes

Optimal dilution of the Cofilin antibody should be determined by the researcher.

Immunogen

Amino acids DAIKKKLTGIKHELQANCYEEVKDRCTLAEK of human Cofilin were used as the immunogen for the Cofilin antibody.

Storage

After reconstitution, the Cofilin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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