

Rabbit Cofilin Polyclonal Antibody | anti-CFL1 antibody

Anti-Cofilin Antibody

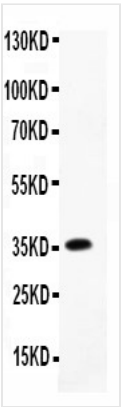
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45655	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

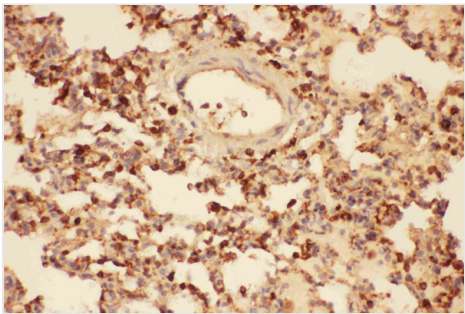
Cofilin; Polyclonal Antibody; Anti-Cofilin Antibody; Cofilin-1; cofilin 1 (non-muscle); 18 kDa phosphoprotein antibody; CFL 1 antibody; CFL antibody; CFL1 antibody; COF1_HUMAN antibody; Cofilin 1 antibody; Cofilin 1 non muscle antibody; Cofilin antibody; Cofilin non muscle isoform antibody; Cofilin-1 antibody; non-muscle isoform antibody; p18 antibody; anti-CFL1 antibody

PRODUCT SPECIFICATIONS

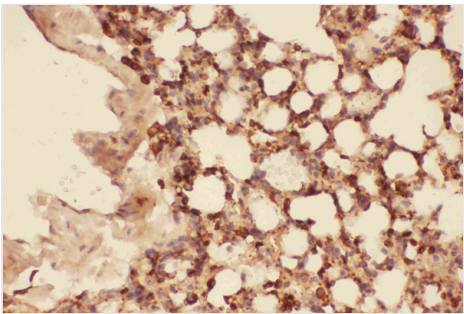
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	166
Applicable Applications for anti-CFL1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Cofilin recombinant protein (Position: A2-L166). Human Cofilin shares 99% amino acid (aa) sequences identity with both mouse and rat Cofilin.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



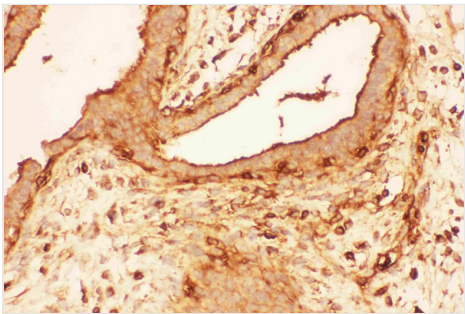
WB (Western Blot)
Anti-Cofilin Picoband antibody, AAA45655-5.jpgAll lanes: Anti-Cofilin(AAA45655) at 0.5ug/mlWB: Recombinant Human Cofilin Protein 0.5ngPredicted bind size: 36KDObserved bind size: 36KD



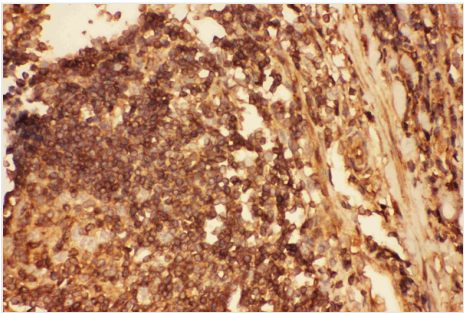
IHC (Immunohistochemistry)
Anti-Cofilin Picoband antibody, AAA45655-4.JPGIHC(P): Rat Lung Tissue



IHC (Immunohistochemisry)
Anti-Cofilin Picoband antibody, AAA45655-3.JPGIHC(P): Mouse Lung Tissue



IHC (Immunohiostchemistry)
Anti-Cofilin Picoband antibody, AAA45655-2.JPGIHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti-Cofilin Picoband antibody, AAA45655-1.JPGIHC(P): Human Intestinal Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CFL1 antibody	Description: Rabbit IgG polyclonal antibody for Cofilin-1(CFL1) detection. Tested with WB, IHC-P, ELISA in Human, Mouse, Rat. Background: 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. The protein is known to sever actin filaments by creating more positive ends on filament fragments, it can cause depolymerization at the minus end of filaments, thereby preventing their reassembly. As a long-lasting in vivo effect, cofilin recycles older ADP-F-actin, helping cell to maintain ATP-G-actin pool for sustained motility. pH, phosphorylation and phosphoinositides regulate cofilin's binding and associating activity with actin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116848
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NCBI GeneID	1072
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	18,502 Da
NCBI Official Full Name	Cofilin-1
NCBI Official Synonym Full Names	cofilin 1 (non-muscle)
NCBI Official Symbol	CFL1
NCBI Official Synonym Symbols	CFL; HEL-S-15
NCBI Protein Information	cofilin-1; p18; 18 kDa phosphoprotein; cofilin, non-muscle isoform; epididymis secretory protein Li 15
UniProt Protein Name	Cofilin-1
UniProt Gene Name	CFL1
UniProt Synonym Gene Names	CFL; p18
UniProt Entry Name	COF1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cofilin-antibody-immunohistochemistry-western-blot-elisa/45655>