

Rabbit CFL1-S3 Antibody | anti-CFL1 antibody

Phospho-CFL1-S3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37412	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

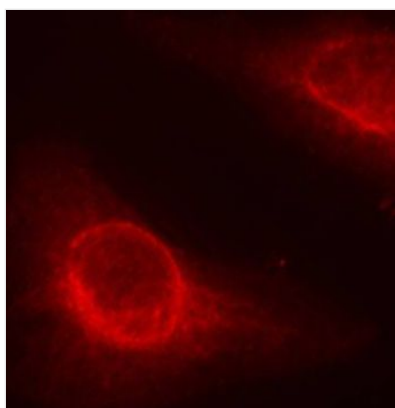
PRODUCT SYNONYMS

CFL1-S3; Phospho-CFL1-S3 Polyclonal Antibody; Phospho-CFL1-S3: CFL; anti-CFL1 antibody

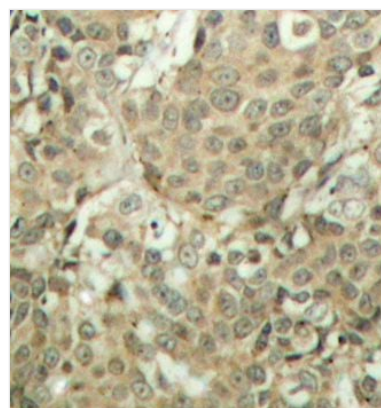
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	166
Applicable Applications for anti-CFL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding S3 of human CFL1
Calculated Molecular Weight	19kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

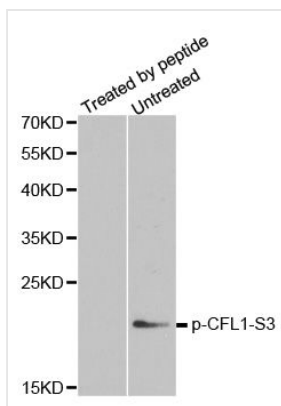
IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-CFL1-S3 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-CFL1-S3 antibody.



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-CFL1-S3 antibody at 1:1000 dilution. NIH/3T3 cell lysates were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-CFL1 antibody	The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. 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. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.
Product Categories/Family for anti-CFL1 antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	116848
NCBI GeneID	1072
UniProt Accession #	P23528; Q53Y87; Q9UCA2; B3KUQ1
Molecular Weight	166
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.