

Rabbit cofilin Polyclonal Antibody | anti-CFL1 antibody

cofilin (Phospho-Ser3) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305537	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

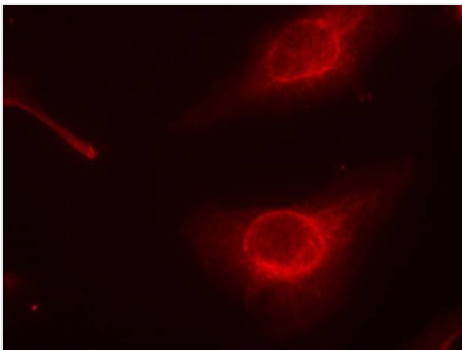
PRODUCT SYNONYMS

cofilin; Polyclonal Antibody; cofilin (Phospho-Ser3) Antibody; CFL; CFL1; anti-CFL1 antibody

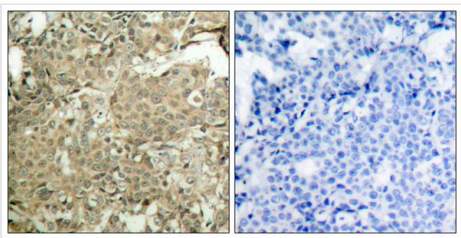
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of cofilin only when phosphorylated at serine 3.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	166
Applicable Applications for anti-CFL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 3 (M-A-S(p)-G-V) derived from Human cofilin.
Modification	Phospho-Ser3
Target Name	cofilin
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

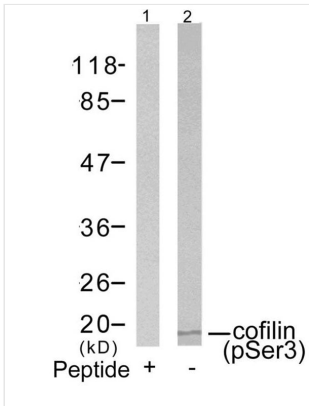
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using cofilin(Phospho-Ser3) Antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using cofilin(Phospho-Ser3) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells using cofilin(Phospho-Ser3) Antibody (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).

ADDITIONAL INFORMATION

Related Product Information for anti-CFL1 antibody	Controls reversibly actin polymerization and depolymerization in a pH-sensitive manner. It has the ability to bind G- and F-actin in a 1:1 ratio of cofilin to actin. It is the major component of intranuclear and cytoplasmic actin rods.
Product Categories/Family for anti-CFL1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031635
NCBI GeneID	1072
NCBI Accession #	NP_005498.1
NCBI GenBank Nucleotide #	NM_005507.2
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; cofilin; HEL-S-15

NCBI Protein Information	cofilin-1
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-immunofluorescence-immunohistochemistry-western-blot-elisa/305537>