

#11506

cofilin1 (phospho-Tyr139) Antibody

Catalog: #11506-1 50µl **Orders:** order@signalwayantibody.com
#11506-2 100µl **Support:** tech@signalwayantibody.com
Storage: Store at -20°C/1 year **Web:** www.signalwayantibody.com



Application	Species Reactivity	Source	Molecular Wt.
IHC	Human Mouse Rat	Rabbit Polyconal Ab	19KD

Description: 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 non-phosphopeptide.

Recommended Dilutions:

Immunohistochemistry 1:50~1:100

Specificity: The antibody detects endogenous level of cofilin1 only when phosphorylated at tyrosine 139.

Immunogen: Peptide sequence around phosphorylation site of tyrosine 139 (N-C-Y(p)-E-E) derived from Human cofilin.

Formulation: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

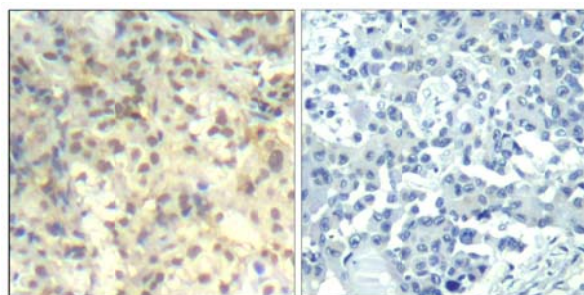
Synonyms: CFL CFL1

Accession No.: Swiss-Prot#: P23528 NCBI Gene#: 1072
NCBI Protein#: NP_005498.1

Background: 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.

References:

Carlier, M. et al. (1999) J. Biol. Chem. 274, 33827-33830.
Arber, S. et al. (1998) Nature 393, 805-809.
Yang, N. et al. (1998) Nature 393, 809-812.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using cofilin1 (Phospho-Tyr139) Antibody #11506 (left) or the same antibody preincubated with blocking peptide (right).

Citation:

If you publish research using #11506 please [let us know](#).

Related Pathway: Cytoskeletal/Adhesion

Note: For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.