Product Datasheet

cofilin(Phospho-Ser3) Antibody

Catalog No: #11139

Package Size: #11139-1 50ul #11139-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

Product Name	cofilin(Phospho-Ser3) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of cofilin only when phosphorylated at serine 3.
mmunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 3 (M-A-S(p)-G-V) derived from Human cofilin.
Conjugates	Unconjugated
Target Name	cofilin
Modification	Phospho
Other Names	CFL; CFL1;
Accession No.	Swiss-Prot: P23528NCBI Protein: NP_005498.1
Concentration	1.0mg/ml
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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

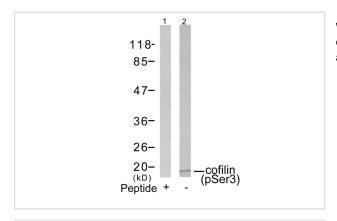
Application Details

Predicted MW: 19kd
Western blotting: 1:500~1:1000

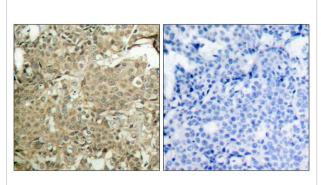
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

Images



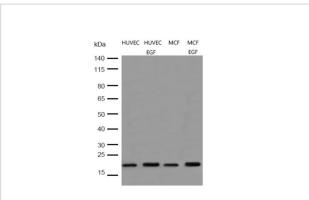
Western blot analysis of extracts from COLO205 cells using cofilin(Phospho-Ser3) Antibody #11139(Lane 2) and the same antibody preincubated with blocking peptide(Lane1).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using cofilin(Phospho-Ser3) Antibody #11139(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using cofilin(Phospho-Ser3) Antibody #11139.



Lane 1 : HUVEC; Lane 2 : HUVEC treated with EGF; Lane 3 : MCF; Lane 4 : MCF treated with EGF; Lysates/proteins at 40 µg per lane. Predicted band size : 19 kDa Observed band size : 19 kDa

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.

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Published Papers

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.