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Cofilin (phospho Ser3) Polyclonal Antibody

Cat #: ABP54967 Size: 30μl /100μl /200μl

Product Information

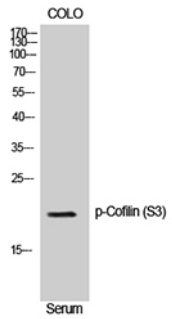
	Product Name: Cofilin (phospho Ser3) Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP54967	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: Cofilin is ubiquitously expressed in eukaryotic cells where it binds to actin, thereby regulating the rapid cycling of actin assembly and disassembly essential for cellular viability. Cofilin is a low molecular weight protein that binds to filamentous (F) actin by bridging two longitudinally associated actin subunits changing the F-actin filament twist. This process is allowed by the dephosphorylation of cofilin ser-3 by factors such as opsonized zymosan. Lim kinase 1, a serine kinase, phosphorylates cofilin and renders it unable to bind and depolymerise F-actin.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	Fig. Western Blot analysis of NIH-3T3 cells using Phospho-Cofilin (S3) Polyclonal Antibody.

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