

Nur für Forschungszwecke

# Phospho-Cofilin (Ser3) Polyklonaler Antikörper



Katalog-Nr.: 29715-1-AP

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29715-1-AP	<b>GenBank-Zugangsnummer:</b> BC012318	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul, Konzentration: 250 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 1072	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> cofilin 1 (non-muscle)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 18 kDa	
	<b>Beobachtete Masse:</b> 18 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: Mit λ-Phosphatase behandelte HeLa-Zellen, HeLa-Zellen
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Cofilin is a ubiquitous actin-binding protein required for the reorganization of actin filaments. It is a member of the ADF (actin-depolymerizing factor)/cofilin family that is a key regulator of actin dynamics and essential for cellular motility, cytokinesis, and endocytosis. Cofilin activity is tightly regulated by phosphorylation and dephosphorylation. Phosphorylation at Ser3 can inhibit its activity, also causing translocation from the nucleus to the cytoplasm.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

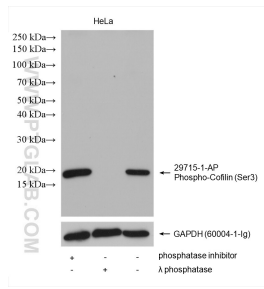
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## Ausgewählte Validierungsdaten



Non-treated HeLa cells, phosphatase inhibitor treated HeLa cells and  $\lambda$  phosphatase treated HeLa cells were subjected to SDS PAGE followed by western blot with 29715-1-AP (Phospho-Cofilin (Ser3) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as a loading control.