

产品名称: Cofilin Rabbit Monoclonal Antibody
产品货号: AMRe04121



产品概述 (Summary)

产品名称 (Production Name)	Cofilin Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CFL1
别名 (Alternative Names)	CFL1; CFL; Cofilin-1; 18 kDa phosphoprotein; p18; Cofilin; non-muscle isoform
基因 ID (Gene ID)	1072
蛋白 ID (SwissProt ID)	P23528.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 19 kDa; Observed MW: 19 kDa

研究背景 (Background)

The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner.

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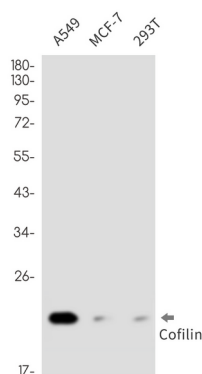


Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.[supplied by OMIM, Apr 2004]

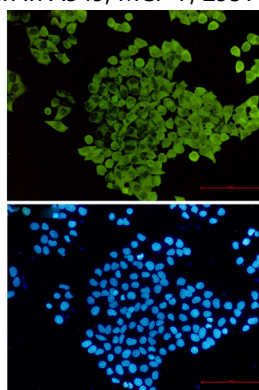
研究领域 (Research Area)

Signal Transduction

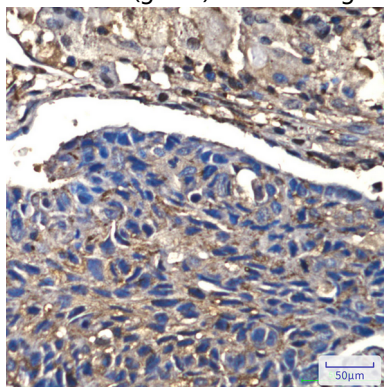
图片 (Image Data)



Western blot analysis of Cofilin in A549, MCF-7, 293T lysates using Cofilin antibody.



Immunocytochemistry analysis of Cofilin (green) in HeLa using Cofilin antibody, and DAPI (blue)



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Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cofilin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .