

Cofilin (Phospho Ser3) (3S19) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01137

Product information

产品货号	HZ-YMA01137
别名	CFL1;CFL;Cofilin-1;18 kDa phosphoprotein;p18;Cofilin;non-muscle isoform
产品名称	Cofilin (Phospho Ser3) (3S19) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CFL1
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	3716
Human Swissprot No.	P23528
稀释度	WB 1:500-1:2000, IF 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	25kDa
预测分子量	19kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	cofilin 1(CFL1) Homo sapiens The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. 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],
细胞定位	Nucleus matrix . Cytoplasm, cytoskeleton . Cell projection, ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, lamellipodium membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, lamellipodium . Cell projection, growth cone . Cell projection, axon . Colocalizes with the actin cytoskeleton in membrane ruffles and lamellipodia. Detected at the cleavage furrow and contractile ring during cytokinesis. Almost completely in nucleus in cells exposed to heat shock or 10% dimethyl sulfoxide.
Clonality	Monoclonal