

Anti-Cofilin antibody ab29038

[3 References](#) [1 图像](#)

概述

产品名称	Anti-Cofilin抗体
描述	兔多克隆抗体to Cofilin
宿主	Rabbit
特异性	ab29038 recognises Cofilin 1. The immunogen sequence has only 3 amino acid differences from human Cofilin 2.
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	A synthetic peptide (conjugated to KLH) corresponding to amino acid residues at the N terminus of human Cofilin 1.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituents: PBS, 50% Glycerol, 0.1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab29038于以下的经测试应用

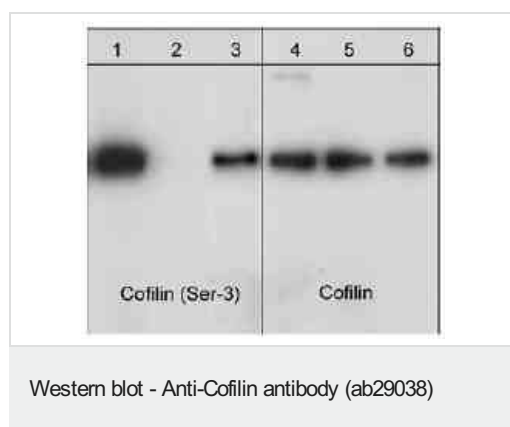
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 18 kDa.

靶标

功能	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.
组织特异性	Widely distributed in various tissues.
序列相似性	Belongs to the actin-binding proteins ADF family. Contains 1 ADF-H domain.
翻译后修饰	Phosphorylated on Ser-3 in resting cells.
细胞定位	Nucleus matrix. Cytoplasm > cytoskeleton. Almost completely in nucleus in cells exposed to heat shock or 10% dimethyl sulfoxide.

图片



Western blot of jurkat cells expressing cofilin 1. Blots were treated with (lanes 2, 3, 5 & 6) or without (lanes 1 & 4) lambda phosphatase for 1 hr at 37 degrees C. In lanes 3 & 6, phosphatase treatments were performed in the presence of phospho-cofilin 1 (Ser-3) peptide. Blots were probed with anti-phospho-Cofilin 1 (Ser-3) (lanes 1-3;) or anti-Cofilin 1 (lanes 4-6; ab29038). Phosphatase treatment removes Ser-3 phosphorylation of Cofilin, but this phosphatase activity is reduced in the presence of peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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