




Anti-Cofilin antibody [1A1] ab54532

★★★★☆ [6 Abreviews](#) [28 References](#) [5 图像](#)

概述

产品名称	Anti-Cofilin抗体[1A1]
描述	小鼠单克隆抗体[1A1] to Cofilin
宿主	Mouse
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Sheep, Cow, Pig, Cynomolgus monkey 
免疫原	Recombinant full length protein (GST-tag) corresponding to Human Cofilin. AAH11005 Sequence: MASGVAVSDGVIKVFNDMKVRKSSTPEEVKRRKAVLFCLSE DKKNIILE EGKEILVGDVGQTVDDPYATFAKMLPDKDCRYALYDATYETK ESKKEDLV FIFWAPESAPLKSMMIYASSKDAIKKKLTGIKHELQANCYEG VKDRCTLA EKLGGSAVISLEGKPL Database link: P23528  Run BLAST with  Run BLAST with
阳性对照	WB: HeLa, PC-12 and NIH/3T3 cell lysate. IHC-P: Human breast cancer tissue. ICC/IF: HeLa cells.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 17/04/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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 or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: PBS
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	1A1
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab54532于以下的经测试应用

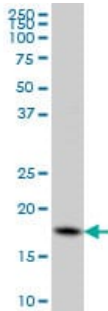
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (5)	Use at an assay dependent concentration. Predicted molecular weight: 18 kDa.
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

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

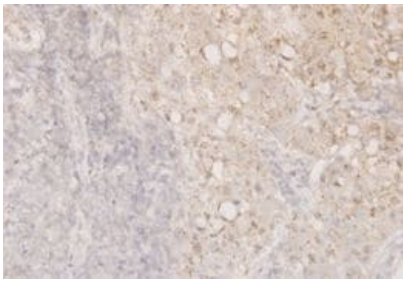


Western blot - Anti-Cofilin antibody [1A1] (ab54532)

Anti-Cofilin antibody [1A1] (ab54532) at 1 μ g + HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 25 μ g

Predicted band size: 18 kDa

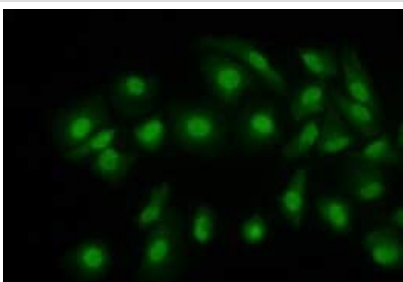
This image was generated using the ascites version of the product



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cofilin antibody [1A1] (ab54532)

Formalin-fixed, paraffin-embedded human breast cancer tissue stained for Cofilin with ab54532 at 1.5 μ g/ml in immunohistochemical analysis.

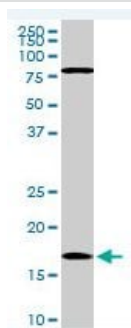
This image was generated using the ascites version of the product.



Immunocytochemistry/ Immunofluorescence - Anti-Cofilin antibody [1A1] (ab54532)

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Cofilin (green) using ab54532 at 10 μ g/ml in ICC/IF.

This image was generated using the ascites version of the product.

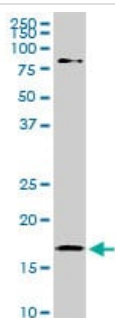


Western blot - Anti-Cofilin antibody [1A1] (ab54532)

Anti-Cofilin antibody [1A1] (ab54532) at 1 µg/ml + NIH/3T3 (mouse embryo fibroblast cell line) cell lysate

Predicted band size: 18 kDa

This image was generated using the ascites version of the product.



Western blot - Anti-Cofilin antibody [1A1] (ab54532)

Anti-Cofilin antibody [1A1] (ab54532) at 1 µg/ml + PC-12 (rat adrenal gland pheochromocytoma cell line) cell lysate

Predicted band size: 18 kDa

This image was generated using the ascites version of the product.

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