


Anti-Prohibitin antibody ab154589

[1 References](#) [4 图像](#)

概述

产品名称	Anti-Prohibitin抗体
描述	兔多克隆抗体to Prohibitin
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Chicken, Cow, Cat, Dog, Xenopus laevis, Zebrafish, Xenopus tropicalis 
免疫原	Recombinant fragment, corresponding to a region within amino acids 23-272 of Human Prohibitin (Uniprot ID: P35232).
阳性对照	293T, A431, H1299, HeLaS3, HepG2, MOLT4, Raji and NIH 3T3 whole cell lysates; HeLa cells; Human OVCAR3 xenograft tissue.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
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 ab154589 于以下的经测试应用

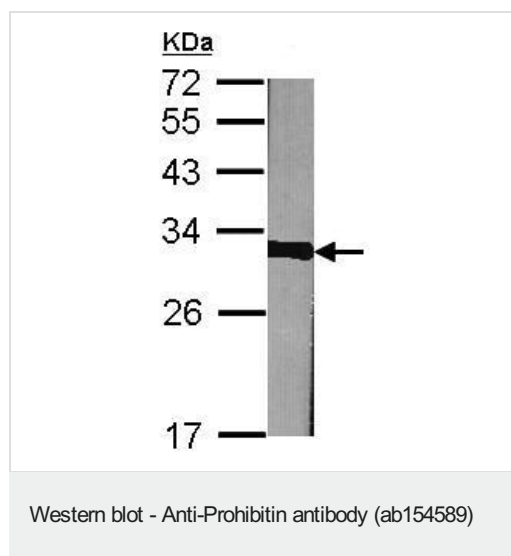
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 30 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

靶标

功能	Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. May play a role in regulating mitochondrial respiration activity and in aging.
组织特异性	Widely expressed in different tissues.
序列相似性	Belongs to the prohibitin family.
发展阶段	Levels of expression in fibroblasts decrease heterogeneously during cellular aging.
细胞定位	Mitochondrion inner membrane.

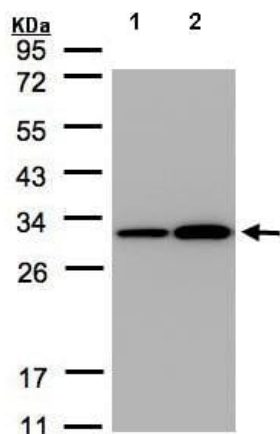
图片



Anti-Prohibitin antibody (ab154589) at 1/1000 dilution + NIH 3T3 whole cell lysate at 30 µg

Predicted band size: 30 kDa

12% SDS PAGE



Western blot - Anti-Prohibitin antibody (ab154589)

All lanes : Anti-Prohibitin antibody (ab154589) at 1/3000 dilution

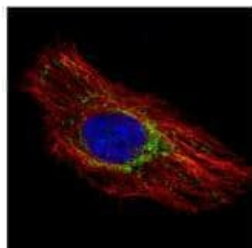
Lane 1 : A431 whole cell lysate

Lane 2 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

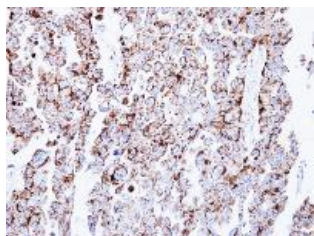
Predicted band size: 30 kDa

12% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-Prohibitin antibody (ab154589)

Confocal immunofluorescence analysis of methanol-fixed HeLa cells, labeling Prohibitin with ab154589 at 1/500 dilution (Green). Alpha-tubulin filaments are labeled in red.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Prohibitin antibody (ab154589)

Immunohistochemical analysis of paraffin-embedded Human OVCAR3 xenograft tissue labeling Prohibitin with ab154589 at 1/500 dilution.

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