

Anti-Perilipin-1 antibody ab3526

★★★★★ [16 Abreviews](#) [111 References](#) [2 图像](#)

概述

产品名称	Anti-Perilipin-1抗体
描述	兔多克隆抗体to Perilipin-1
宿主	Rabbit
经测试应用	适用于: Flow Cyt, IHC-P, WB, ICC, IHC-FoFr
种属反应性	与反应: Mouse, Rat, Cow, Dog, Human, Rhesus monkey
免疫原	Synthetic peptide corresponding to Rat Perilipin-1 aa 500-600. (Peptide available as ab5009)
	 Run BLAST with  Run BLAST with
阳性对照	ICC: mouse 3T3-L1 cells; WB: mouse 3T3-L1 cells
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.01% 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ab3526于以下的经测试应用

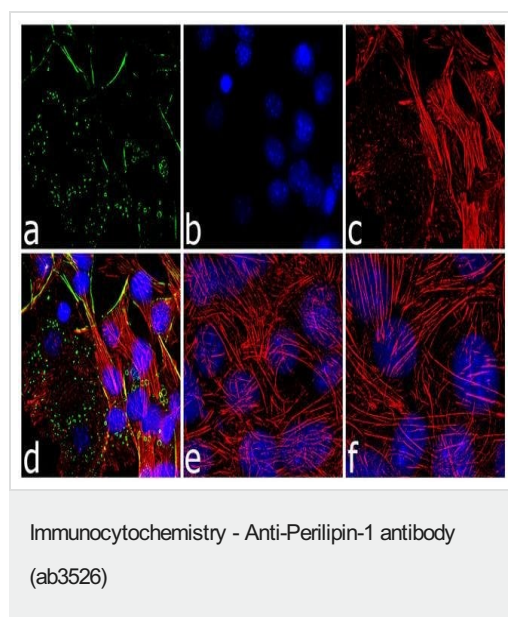
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use at an assay dependent concentration.
IHC-P	★★★★★ (6)	Use at an assay dependent concentration.
WB	★★★★★ (2)	1/1000 - 1/4000. Can be blocked with Perilipin-1 peptide (ab5009) . By Western blot, this antibody detects an ~62 kDa protein representing Perilipin-1 from 3T3-L1 cell extract.
ICC		Use a concentration of 2 µg/ml.
IHC-FoFr		Use at an assay dependent concentration. PubMed: 20049087

靶标

功能	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness.
组织特异性	Adipocytes.
序列相似性	Belongs to the perilipin family.
翻译后修饰	Major cAMP-dependent protein kinase-substrate in adipocytes, also dephosphorylated by PP1. When phosphorylated, may be maximally sensitive to HSL and when unphosphorylated, may play a role in the inhibition of lipolysis, by acting as a barrier in lipid droplet.
细胞定位	Lipid droplet. Lipid droplet surface-associated.

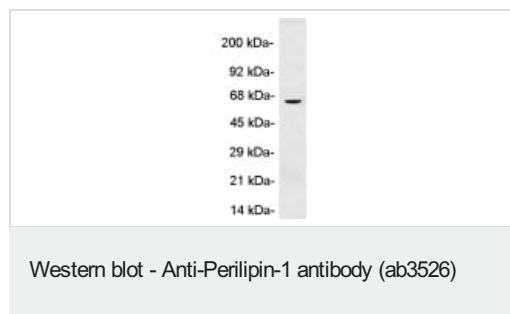
图片



Immunocytochemistry analysis of 3T3-L1 cells (Mouse embryonic fibroblast cell line), 4% paraformaldehyde fixed (10 minutes) permeabilized with 0.1% Triton™ X-100 (10 minutes), and blocked with 1% BSA for (1 hour).

Perilipin A was labeled with ab3526 at 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature with secondary antibody: Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate at a dilution of 1:2000 for 45 minutes at room temperature (Panel A: green).

Panel B: Nuclei were stained with DAPI (blue); Panel C: (red) F-actin stained with Alexa Fluor® 555 Rhodamine Phalloidin 1:300. Panel D: merged image showing cytosolic localization; Panel E: untreated; Panel F: control cells with no primary antibody.



Western blot detection of Perilipin-1 in 3T3-L1 cell extract using ab3526.

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

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