

Anti-Hormone sensitive lipase/HSL antibody ab45422

★★★★★ [1 Abreviews](#) [45 References](#) [3 图像](#)

概述

产品名称	Anti-Hormone sensitive lipase/HSL抗体
描述	兔多克隆抗体to Hormone sensitive lipase/HSL
宿主	Rabbit
经测试应用	适用于: IHC-P, ICC/IF, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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.
存储溶液	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
纯化说明	This antibody is an immunoaffinity purified IgG
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab45422于以下的经测试应用

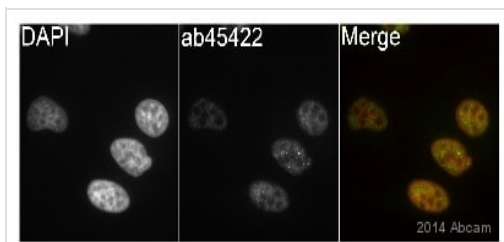
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 117 kDa).

靶标

功能	In adipose tissue and heart, it primarily hydrolyzes stored triglycerides to free fatty acids, while in steroidogenic tissues, it principally converts cholesteryl esters to free cholesterol for steroid hormone production.
通路	Glycerolipid metabolism; triacylglycerol degradation.
序列相似性	Belongs to the 'GDXG' lipolytic enzyme family.
细胞定位	Cell membrane. Membrane > caveola. Cytoplasm > cytosol. Found in the high-density caveolae. Translocates to the cytoplasm from the caveolae upon insulin stimulation.

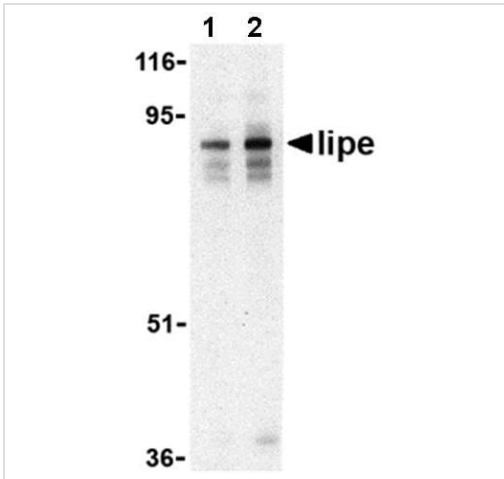
图片



Immunocytochemistry/ Immunofluorescence - Anti-Hormone sensitive lipase/HSL antibody (ab45422)

This image is courtesy of an Abreview submitted by Kirk McManus

ab45422 staining Hormone sensitive lipase/HSL in the HeLa cell line from Human cervical cancer by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde and permeabilized with 0.5% Triton X-100 in PBS. Samples were incubated with primary antibody (1/200 in PBS) for 16 hour at 22°C. **ab150081** an Alexa Fluor[®]488-conjugated Goat anti-rabbit IgG H&L (1/200) polyclonal was used as the secondary antibody. Nuclei were stained with DAPI. MeOH-fixed samples were also evaluated and failed to produce the expected staining pattern.



Western blot - Anti-Hormone sensitive lipase/HSL antibody (ab45422)

Lane 1 : Anti-Hormone sensitive lipase/HSL antibody (ab45422) at 0.5 µg/ml

Lane 2 : Anti-Hormone sensitive lipase/HSL antibody (ab45422) at 1 µg/ml

All lanes : Human lymph node tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 117 kDa

Observed band size: 90 kDa

Additional bands at: 38 kDa, 86 kDa, 88 kDa. We are unsure as to the identity of these extra bands.

Immunocytochemistry/ Immunofluorescence - Anti-Hormone sensitive lipase/HSL antibody (ab45422)

Immunofluorescence of Lipe in Human Lymph Node cells using ab45422 at 20 µg/ml.

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

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