

Anti-EHHADH antibody [7F6AF11] ab110299

2 图像

概述

产品名称	Anti-EHHADH抗体[7F6AF11]
描述	小鼠单克隆抗体[7F6AF11] to EHHADH
宿主	Mouse
经测试应用	适用于: IP, ICC
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is considered to be commercially sensitive.
阳性对照	ICC: HepG2 cells. IP: Enriched subcellular organelles from human liver.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</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> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
纯度	Proprietary Purification
纯化说明	Near homogeneity as judged by SDS-PAGE (>95% purity). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
克隆	单克隆

克隆编号	7F6AF11
同种型	IgG3
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab110299于以下的经测试应用

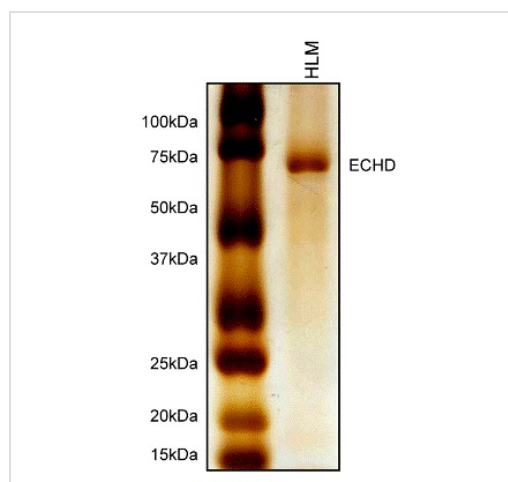
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent dilution.
ICC		Use a concentration of 1 µg/ml.

靶标

组织特异性	Liver and kidney. Lower amounts seen in the brain.
通路	Lipid metabolism; fatty acid beta-oxidation.
序列相似性	In the N-terminal section; belongs to the enoyl-CoA hydratase/isomerase family. In the C-terminal section; belongs to the 3-hydroxyacyl-CoA dehydrogenase family.
翻译后修饰	Acetylated, leading to enhanced enzyme activity. Acetylation is enhanced by up to 80% after treatment either with trichostin A (TSA) or with nicotinamide (NAM) with highest increase on Lys-346. Acetylation and enzyme activity increased by about 1.5% on addition of fatty acids.
细胞定位	Peroxisome.

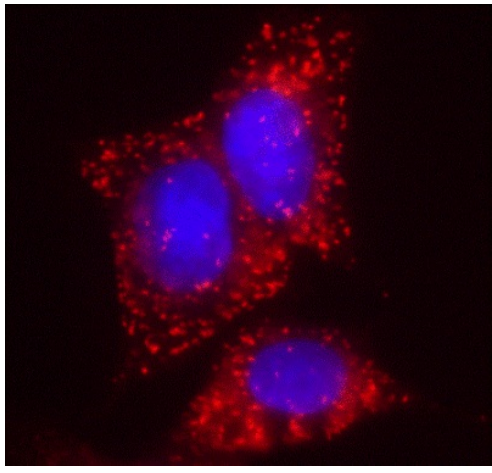
图片



Immunoprecipitation analysis of enriched subcellular organelles from human liver, which contains mitochondria and peroxisome.

EHHADH immunocaptured using ab110299.

Immunoprecipitation - Anti-EHHADH antibody
[7F6AF11] (ab110299)



Immunocytochemistry - Anti-EHHADH antibody
[7F6AF11] (ab110299)

Immunocytochemistry image of EHHADH stained Human HepG2 cells. The cells were paraformaldehyde fixed (4%, 20 min) and Triton X-100 permeabilized (0.1%, 15min). The cells were incubated ab110299 at 1 µg/ml for 2h at room temperature or overnight at 4°C. The secondary antibody was (red) Alexa Fluor® 594 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. 10% Goat serum was used as the blocking agent for all blocking steps. DAPI was used to stain the cell nuclei (blue). Target protein locates mainly in peroxisome.

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

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