

Anti-EHHADH antibody [7F6AF11] ab110299

画像数 2

製品の概要

製品名	Anti-EHHADH antibody [7F6AF11]
製品の詳細	Mouse monoclonal [7F6AF11] to EHHADH
由来種	Mouse
アプリケーション	適用あり: IP, ICC
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is considered to be commercially sensitive.
ポジティブ・コントロール	ICC: HepG2 cells. IP: Enriched subcellular organelles from human liver.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
精製度	Proprietary Purification
特記事項 (精製)	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.
ポリ/モノ	モノクローナル

クローン名	7F6AF11
アイソタイプ	IgG3
軽鎖の種類	kappa

アプリケーション

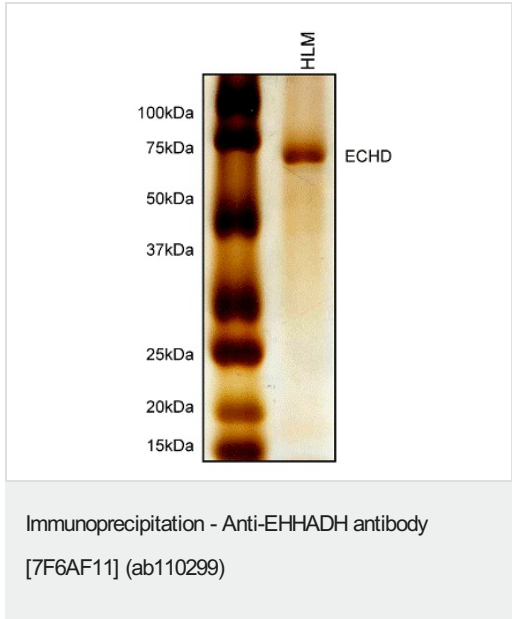
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab110299の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent dilution.
ICC		Use a concentration of 1 µg/ml.

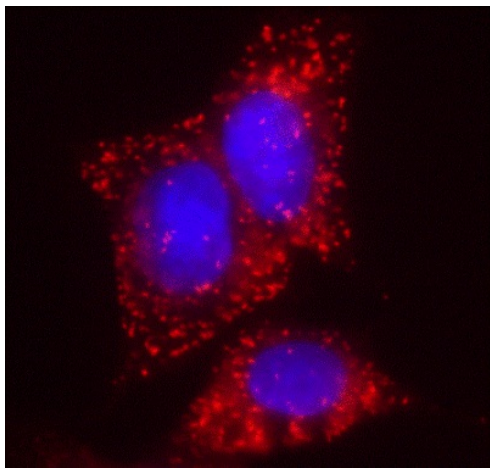
ターゲット情報

組織特異性	Liver and kidney. Lower amounts seen in the brain.
パスウェイ	Lipid metabolism; fatty acid beta-oxidation.
配列類似性	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.
翻訳後修飾	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.
細胞内局在	Peroxisome.

画像



Immonprecipitation analysis of enriched subcellular organelles from human liver, which contains mitochondria and peroxisome. EHHADH immunocaptured using 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.

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