

Anti-2 Hydroxy phytanoyl CoA lyase/HACL1 antibody [EPR16812] ab197025

リコンビナント RabMAb

★★★★★ **1 Abreviews** **2 References** **画像数 4**

製品の概要

製品名	Anti-2 Hydroxy phytanoyl CoA lyase/HACL1 antibody [EPR16812]
製品の詳細	Rabbit monoclonal [EPR16812] to 2 Hydroxy phytanoyl CoA lyase/HACL1
由来種	Rabbit
アプリケーション	適用あり: WB, IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HeLa, 293T, C6, RAW 264.7, PC-12 and NIH/3T3 whole cell lysates; Mouse brain, Mouse heart, Rat brain and Rat heart lysates; 293T cells. IP: HeLa cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR16812

アプリケーション

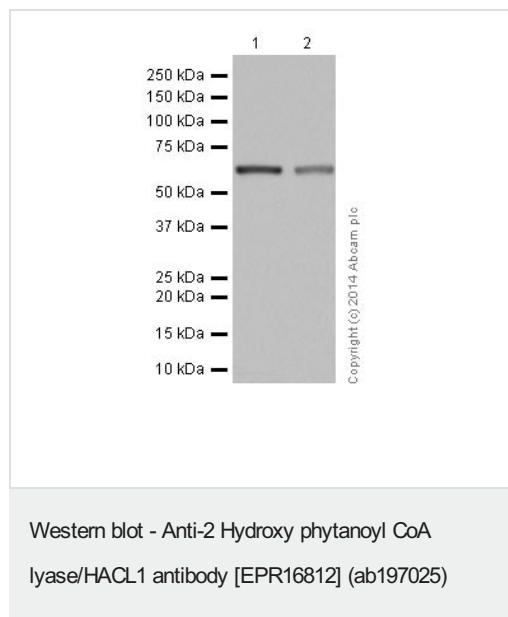
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab197025の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 64 kDa (predicted molecular weight: 64 kDa).
IP		1/50.

ターゲット情報

機能	Catalyzes a carbon-carbon cleavage reaction; cleaves a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.
組織特異性	Expressed in high levels in liver, also expressed in kidney, heart and skeletal muscle.
パスウェイ	Lipid metabolism; fatty acid metabolism.
配列類似性	Belongs to the TPP enzyme family.
細胞内局在	Peroxisome.

画像



All lanes : Anti-2 Hydroxy phytanoyl CoA lyase/HACL1 antibody [EPR16812] (ab197025) at 1/1000 dilution

Lane 1 : HeLa (Human epithelial cells from cervix adenocarcinoma) whole cell lysate

Lane 2 : 293T (Human epithelial cells from embryonic kidney) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

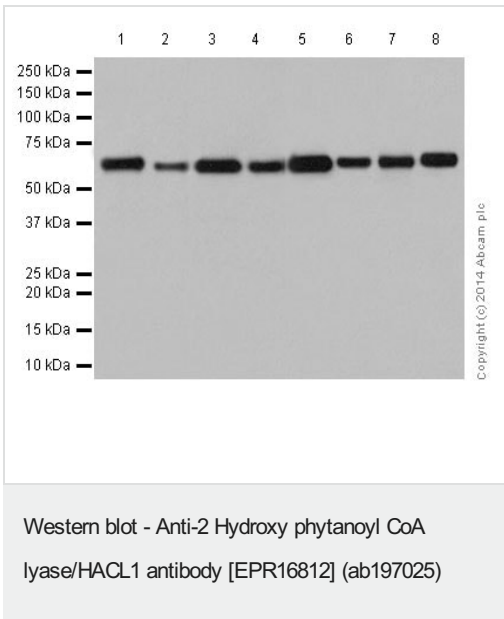
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 64 kDa

Observed band size: 64 kDa

Exposure time: 15 seconds

Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-2 Hydroxy phytanoyl CoA lyase/HACL1 antibody [EPR16812] (ab197025) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate

Lane 2 : Mouse heart tissue lysate

Lane 3 : Rat brain tissue lysate

Lane 4 : Rat heart tissue lysate

Lane 5 : C6 (Rat glial tumor cell line) whole cell lysate

Lane 6 : RAW 264.7 (Mouse macrophage cells transformed with Abelson murine leukemia virus) whole cell lysate

Lane 7 : PC-12 (Rat adrenal gland pheochromocytoma cell line) whole cell lysate

Lane 8 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

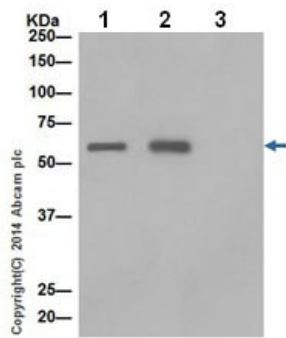
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 64 kDa

Observed band size: 64 kDa

Exposure time: 1 minute





Blocking/Dilution buffer: 5% NFDm/TBST.



Immunoprecipitation - Anti-2 Hydroxy phytanoyl CoA lyase/HACL1 antibody [EPR16812] (ab197025)

2 Hydroxy phytanoyl CoA lyase/HACL1 was immunoprecipitated from HeLa (Human epithelial cells from cervix adenocarcinoma) whole cell extract with ab197025 at 1/50 dilution. Western blot was performed from the immunoprecipitate using ab197025 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution. Lane 1: HeLa whole cell extract (Input) 10 µg. Lane 2: ab197025 IP in HeLa whole cell extract. Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab197025 in HeLa whole cell extract. Blocking and dilution buffer and concentration: 5% NFD/MBST.

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

Anti-2 Hydroxy phytanoyl CoA lyase/HACL1 antibody [EPR16812] (ab197025)

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