


Anti-Liver Carboxylesterase 1/CES1 antibody ab115280

2 图像

概述

产品名称	Anti-Liver Carboxylesterase 1/CES1抗体
描述	山羊多克隆抗体to Liver Carboxylesterase 1/CES1
宿主	Goat
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Chimpanzee, Macaque monkey, Orangutan 
免疫原	Synthetic peptide corresponding to Human Liver Carboxylesterase 1/CES1 aa 500-600 (internal sequence). Database link: P23141 Run BLAST with Run BLAST with
阳性对照	Recombinant Human Liver Carboxylesterase 1/CES1 protein (ab114347) can be used as a positive control in WB. Human lung tissue. Human liver lysate.
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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Constituents: 99% Tris buffered saline, 0.02% Sodium chloride, 0.5% 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 ab115280 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
WB		Use a concentration of 0.03 - 0.1 µg/ml. Predicted molecular weight: 63 kDa.
IHC-P		Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能

Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Hydrolyzes aromatic and aliphatic esters, but has no catalytic activity toward amides or a fatty acyl-CoA ester. Hydrolyzes the methyl ester group of cocaine to form benzoylecgonine. Catalyzes the transesterification of cocaine to form cocaethylene. Displays fatty acid ethyl ester synthase activity, catalyzing the ethyl esterification of oleic acid to ethyloleate.

组织特异性

Expressed predominantly in liver with lower levels in heart and lung.

序列相似性

Belongs to the type-B carboxylesterase/lipase family.

翻译后修饰

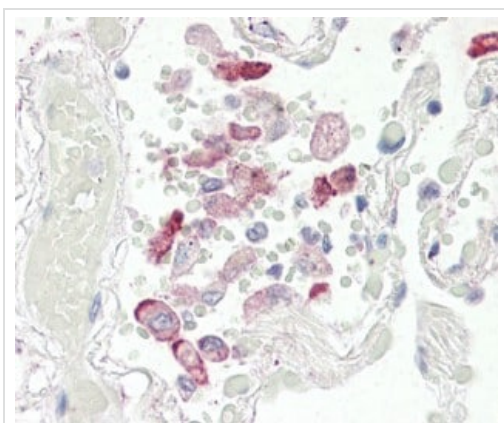
Contains sialic acid.

Cleavage of the signal sequence can occur at 2 positions, either between Trp-17 and Gly-18 or between Gly-18 and His-19.

细胞定位

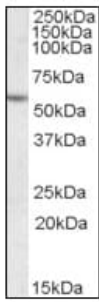
Endoplasmic reticulum lumen.

图片



Human Lung formalin-fixed, paraffin-embedded tissue stained with ab115280 at 2.5 µg/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Liver Carboxylesterase 1/CES1 antibody (ab115280)



Western blot - Anti-Liver Carboxylesterase 1/CES1 antibody (ab115280)

Anti-Liver Carboxylesterase 1/CES1 antibody (ab115280) at 0.03 $\mu\text{g/ml}$ + Human Liver lysate in RIPA buffer (incubation time: 1 hour) at 35 μg

Developed using the ECL technique.

Predicted band size: 63 kDa

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

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