abcam

Product datasheet

Anti-Lysosomal acid lipase/LAL antibody ab154356

4 References 2 图像

概述

产品名称	Anti-Lysosomal acid lipase/LAL抗体
描述	兔多克隆抗体to Lysosomal acid lipase/LAL
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Mouse, Human
免疫原	Recombinant fragment corresponding to Human Lysosomal acid lipase/LAL aa 164-399.
阳性对照	A549 whole cell lysate, H1299 whole cell lysate, mouse liver lysate
常规说明	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. 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
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ab154356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		1/500 - 1/3000. Predicted molecular weight: 45 kDa.

靶标

功能

Crucial for the intracellular hydrolysis of cholesteryl esters and triglycerides that have been internalized via receptor-mediated endocytosis of lipoprotein particles. Important in mediating the effect of LDL (low density lipoprotein) uptake on suppression of hydroxymethylglutaryl-CoA reductase and activation of endogenous cellular cholesteryl ester formation.

疾病相关

Defects in LIPA are the cause of Wolman disease (WOD) [MIM:278000]. WOD is a severe manifestation of LIPA deficiency, leading to the accumulation of cholesteryl esters and triglycerides in most tissues of the body. WOD occurs in infancy and is nearly always fatal before the age of 1 year.
Defects in LIPA are the cause of cholesteryl ester storage disease (CESD) [MIM:278000]. CESD is a mild manifestation of LIPA deficiency, leading to the accumulation of cholesteryl esters and triglycerides in most tissues of the body. It is characterized by late-onset.

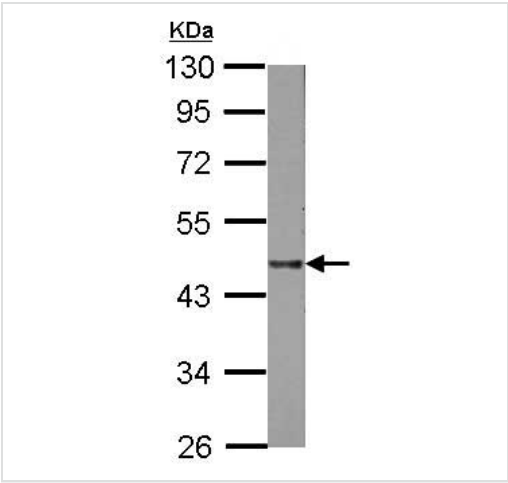
序列相似性

Belongs to the AB hydrolase superfamily. Lipase family.

细胞定位

Lysosome.

图片

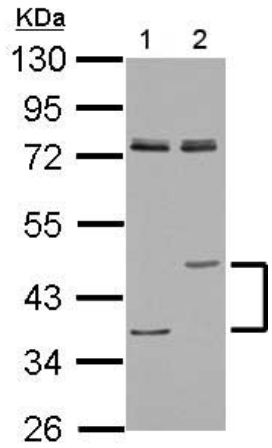


Western blot - Anti-Lysosomal acid lipase/LAL antibody (ab154356)

Anti-Lysosomal acid lipase/LAL antibody (ab154356) at 1/1000 dilution + Mouse liver whole cell lysate at 50 µg

Predicted band size: 45 kDa

10% SDS PAGE



Western blot - Anti-Lysosomal acid lipase/LAL antibody (ab154356)

All lanes : Anti-Lysosomal acid lipase/LAL antibody (ab154356) at 1/1000 dilution

Lane 1 : A549 whole cell lysate
Lane 2 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 45 kDa

10% SDS PAGE

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