

Anti-Lysosomal acid lipase/LAL antibody ab89771

2 图像

概述

产品名称	Anti-Lysosomal acid lipase/LAL 抗体
描述	小鼠多克隆抗体 to Lysosomal acid lipase/LAL
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Recombinant full length protein within Human Lysosomal acid lipase/LAL. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. (AAH12287.1)
阳性对照	Human pancreas tissue lysate, Lysosomal acid lipase/LAL transfected 293T cell 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 or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: 100% PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab89771 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 1 µg/ml. 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.

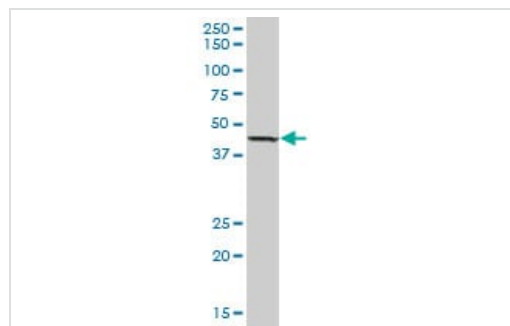
序列相似性

Belongs to the AB hydrolase superfamily. Lipase family.

细胞定位

Lysosome.

图片

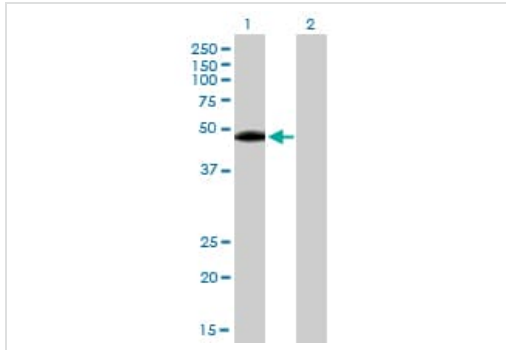


Anti-Lysosomal acid lipase/LAL antibody (ab89771) at 1 µg/ml + human pancreas tissue lysate at 50 µg

Predicted band size: 45 kDa

Observed band size: 45 kDa

Western blot - Anti-Lysosomal acid lipase/LAL antibody (ab89771)



Western blot - Anti-Lysosomal acid lipase/LAL antibody (ab89771)

All lanes : Anti-Lysosomal acid lipase/LAL antibody (ab89771) at 1 µg/ml

Lane 1 : Lysosomal acid lipase/LAL transfected 293T cell lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 45 kDa

Observed band size: 45 kDa

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

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