

Anti-Lipin 2/LPIN2 antibody ab63928

2 References **1 图像**

概述

产品名称	Anti-Lipin 2/LPIN2抗体
描述	兔多克隆抗体to Lipin 2/LPIN2
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	Synthetic peptide corresponding to Mouse Lipin 2/LPIN2.
阳性对照	Jurkat cell and Mouse tissue lysates.
常规说明	<p>This product is manufactured by BioVision, an Abcam company and was previously called 3832 Lipin 2 Antibody. 3832-100 is the same size as the 100 µg size of ab63928.</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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA</p>
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ab63928于以下的经测试应用

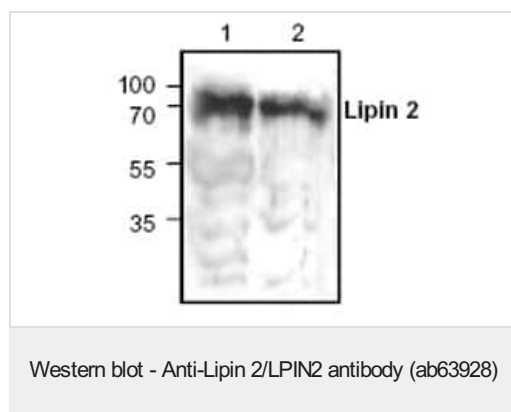
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 99 kDa (predicted molecular weight: 99 kDa).

靶标

功能	Plays important roles in controlling the metabolism of fatty acids at different levels. Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the reticulum endoplasmic membrane. Acts also as a nuclear transcriptional coactivator for PPARGC1A to modulate lipid metabolism.
组织特异性	Expressed in liver, lung, kidney, placenta, spleen, thymus, lymph node, prostate, testes, small intestine, and colon.
疾病相关	Defects in LPIN2 are the cause of Majeed syndrome (MAJEEDS) [MIM:609628]. An autosomal recessive syndrome characterized by chronic recurrent multifocal osteomyelitis that is of early onset with a lifelong course, congenital dyserythropoietic anemia that presents as hypochromic, microcytic anemia during the first year of life and ranges from mild to transfusion-dependent, and transient inflammatory dermatosis, often manifesting as Sweet syndrome (neutrophilic skin infiltration).
序列相似性	Belongs to the lipin family.
结构域	Contains 1 Asp-Xaa-Asp-Xaa-Thr (DXDXT) motif, a catalytic motif known to be essential for phosphatidate phosphatase activity. Contains one Leu-Xaa-Xaa-Ile-Leu (LXXIL) motif, a motif known to be a transcriptional binding motif.
细胞定位	Nucleus. Cytoplasm > cytosol. Endoplasmic reticulum membrane. Translocates to endoplasmic reticulum membrane with increasing levels of oleate.

图片



All lanes : Anti-Lipin 2/LPIN2 antibody (ab63928) at 0.5 µg/ml

Lane 1 : Jurkat cell lysate

Lane 2 : Mouse tissue lysate

Predicted band size: 99 kDa

Observed band size: 99 kDa

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

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