

Anti-MLN64 antibody ab3478

★★★★★ [1 Abreviews](#) [17 References](#) [2 图像](#)

概述

产品名称	Anti-MLN64抗体
描述	兔多克隆抗体to MLN64
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Rat, Human
免疫原	Recombinant full length protein corresponding to MLN64. Recombinant MLN64 protein.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 99% PBS
纯度	Immunogen affinity purified
Primary antibody说明	<p>The steroidogenic acute regulatory (StAR) protein facilitates the movement of cholesterol from the outer to inner mitochondrial membrane in adrenal and gonadal cells, fostering steroid biosynthesis. MLN 64 is a 445-amino acid protein of unknown function. When 218 amino-terminal residues of MLN 64 are deleted, the resulting N-218 MLN 64 has 37% amino acid identity with StAR and 50% of StAR's steroidogenic activity in transfected cells. Bacterially expressed N-218 MLN 64 exerts StAR-like activity to promote the transfer of cholesterol from the outer to inner mitochondrial membrane in vitro. The presence of a protease-resistant domain and a protease-sensitive carboxy-terminal domain in N-218 MLN 64 is similar to the organization of StAR. However, as MLN 64 never enters the mitochondria, the protease-resistant domain of MLN 64 cannot be a mitochondrial pause-transfer sequence, as has been proposed for StAR.</p>

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab3478于以下的经测试应用

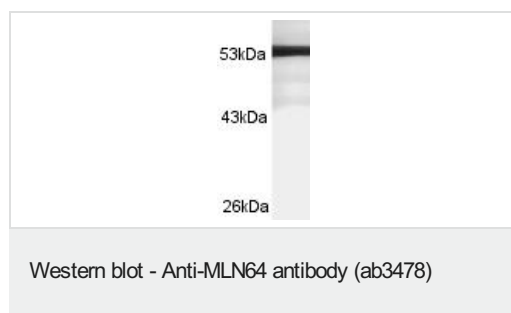
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 49 kDa. By Western blot, this antibody detects an ~53 kDa protein representing MLN 64 from rat adrenal gland tissue extracts. This antibody also detects an ~25 kDa protein from rat adrenal gland which may correspond to degradation product.

靶标

功能 Binds and transports cholesterol. Promotes steroidogenesis in placenta and brain.
序列相似性 Contains 1 MENTAL domain.
Contains 1 START domain.
细胞定位 Late endosome membrane.

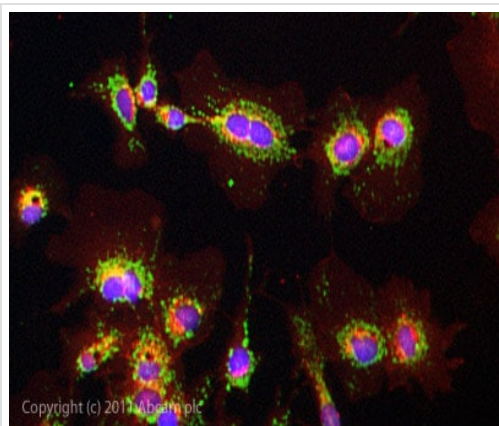
图片



Anti-MLN64 antibody (ab3478) at 1 µg/ml + Lysates prepared from rat adrenal gland

Predicted band size: 49 kDa

Western blot of MLN64 on rat adrenal gland extract using ab3478.



Immunocytochemistry/ Immunofluorescence - Anti-MLN64 antibody (ab3478)

ICC/IF image of ab3478 stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab3478, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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