



Anti-SLC16A3/MCT 4 antibody ab234728

[3 References](#) [2 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-SLC16A3/MCT 4抗体 |
| 描述 | 兔多克隆抗体to SLC16A3/MCT 4 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, ICC/IF |
| 种属反应性 | 与反应: Human |
| 免疫原 | Recombinant fragment corresponding to Human SLC16A3/MCT 4 aa 400 to the C-terminus. Database link: O15427 |
| |  Run BLAST with  Run BLAST with |
| 阳性对照 | WB: HeLa and MCF-7. ICC/IF: HepG2 cells. |
| 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 long term. Avoid freeze / thaw cycle. |
| 存储溶液 | pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS |
| 纯度 | Protein G purified |
| 纯化说明 | Purity >95% |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab234728于以下的经测试应用

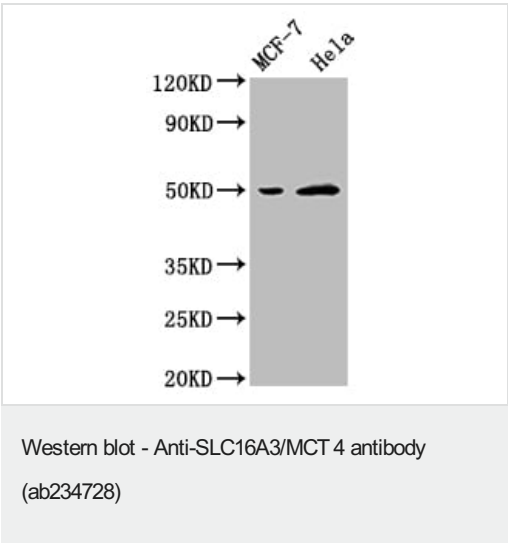
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|--------|------|--|
| WB | | 1/500 - 1/5000. Detects a band of approximately 49 kDa (predicted molecular weight: 49 kDa). |
| ICC/IF | | 1/50 - 1/200. |

靶标

| | |
|-------|--|
| 功能 | Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate. |
| 组织特异性 | Highly expressed in skeletal muscle. |
| 序列相似性 | Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family. |
| 细胞定位 | Cell membrane. |
| 形式 | Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the proton linked monocarboxylate transporter (MCT) family, which has been designated solute carrier family 16. Each MCT appears to have slightly different substrate and inhibitor specificities and transport kinetics, which are related to the metabolic requirements of the tissues in which it is found. The MCTs, which include MCT1 and MCT2, are characterized by 12 predicted transmembrane domains. |

图片



All lanes : Anti-SLC16A3/MCT 4 antibody (ab234728) at 1/2500 dilution

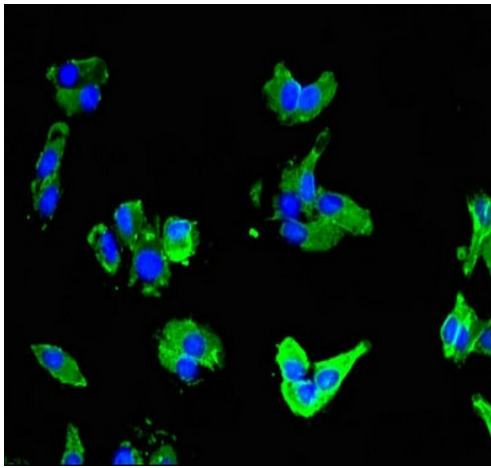
Lane 1 : MCF-7 whole cell lysate

Lane 2 : HeLa whole cell lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/5000 dilution

Predicted band size: 49 kDa



Immunocytochemistry/ Immunofluorescence - Anti-SLC16A3/MCT 4 antibody (ab234728)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for SLC16A3/MCT 4 using ab234728 at a dilution of 1/100 in ICC/IF. Secondary antibody is an Alexa-Fluor® 488-conjugated Goat Anti-Rabbit IgG (H+L).

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

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