

Anti-ASAH2 antibody ab63804

1 References [1 图像](#)

概述

| | |
|-------|--|
| 产品名称 | Anti-ASAH2抗体 |
| 描述 | 兔多克隆抗体to ASAH2 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide surrounding amino acid 741 of human ASAH2 |
| 阳性对照 | Jurkat cell lysate. |
| 常规说明 | <p>This product is manufactured by BioVision, an Abcam company and was previously called 3828 ASAH2 Antibody. 3828-100 is the same size as the 100 µg size of ab63804.</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 or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | <p>pH: 7.20</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ab63804于以下的经测试应用

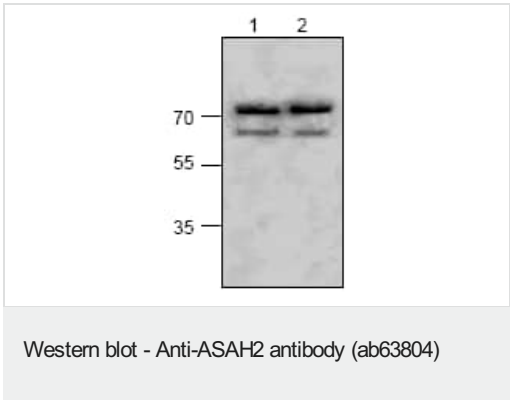
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|------|--|
| WB | | Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 86 kDa (predicted molecular weight: 86 kDa). |

靶标

| | |
|-------|---|
| 功能 | Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 6.5-8.5. Acts as a key regulator of sphingolipid signaling metabolites by generating sphingosine at the cell surface. Acts as a repressor of apoptosis both by reducing C16-ceramide, thereby preventing ceramide-induced apoptosis, and generating sphingosine, a precursor of the antiapoptotic factor sphingosine 1-phosphate. Probably involved in the digestion of dietary sphingolipids in intestine by acting as a key enzyme for the catabolism of dietary sphingolipids and regulating the levels of bioactive sphingolipid metabolites in the intestinal tract. |
| 组织特异性 | Primarily expressed in the intestine (PubMed:17334805). Ubiquitously expressed with higher levels in kidney, skeletal muscle and heart (PubMed:10781606). According to PubMed:17334805, ubiquitous expression attributed to ASAH2 may be actually that of the paralog ASAH2B. |
| 序列相似性 | Belongs to the neutral ceramidase family. |
| 翻译后修饰 | N-glycosylated. Required for enzyme activity. O-glycosylated. Required to retain it as a type II membrane protein at the cell surface. Phosphorylated. May prevent ubiquitination and subsequent degradation. Ubiquitinated, leading to its degradation by the proteasome. Ubiquitination is triggered by nitric oxid. |
| 细胞定位 | Cell membrane. The neutral ceramidase soluble form is a secreted protein. According to PubMed:10781606, it is mitochondrial. However, they used a shorter form in its N-terminus, which may explain this localization which probably does not exist in vivo. |

图片



All lanes : Anti-ASAH2 antibody (ab63804) at 4 µg/ml

All lanes : Jurkat cell lysate

Predicted band size: 86 kDa

Observed band size: 86 kDa

Additional bands at: 68 kDa. We are unsure as to the identity of these extra bands.

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

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