

Anti-ASAH2 antibody ab63804

1 References [画像数 1](#)

医薬用外劇物

製品の概要

製品名	Anti-ASAH2 antibody
製品の詳細	Rabbit polyclonal to ASAH2
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide surrounding amino acid 741 of human ASAH2
ポジティブ・コントロール	Jurkat cell lysate.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Immunogen affinity purified
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

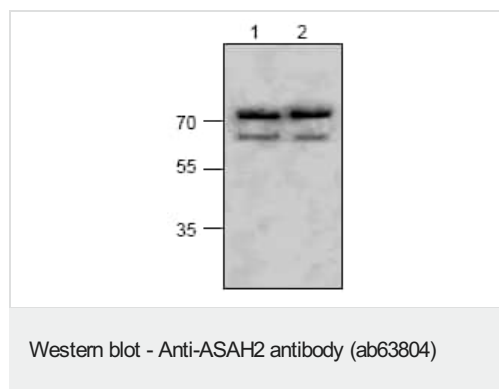
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab63804の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 86 kDa (predicted molecular weight: 86 kDa).

ターゲット情報

機能	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.
組織特異性	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.
配列類似性	Belongs to the neutral ceramidase family.
翻訳後修飾	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.
細胞内局在	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.

画像



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.

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