abcam

Product datasheet

Anti-SBCAD antibody ab99951

1 References 画像数 2

医薬用外毒物

製品の概要

製品名	Anti-SBCAD antibody
製品の詳細	Rabbit polyclonal to SBCAD
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat
免疫原	Recombinant fragment corresponding to Human SBCAD aa 150 to the C-terminus (internal sequence). (BC013756) Database link: **P45954-1**
ポジティブ・コントロール	Human fetal liver cell lysate, human fetal colon tissue
特記事項	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. 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

製品の特性

製品の状態	Lyophilized: Add 200ul Steriled Distilled Water.
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide
精製度	Protein A 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ab99951の使用に適用されます

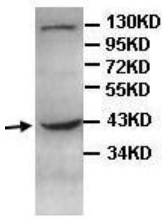
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 47 kDa.
IHC-P		1/100 - 1/500.

ターゲット情報

機能	Has greatest activity toward short branched chain acyl-CoA derivative such as (s)-2-methylbutyryl-CoA, isobutyryl-CoA, and 2-methylhexanoyl-CoA as well as toward short straight chain acyl-CoAs such as butyryl-CoA and hexanoyl-CoA. Can use valproyl-CoA as substrate and may play a role in controlling the metabolic flux of valproic acid in the development of toxicity of this agent.
組織特異性	Ubiquitous.
パスウェイ	Lipid metabolism; mitochondrial fatty acid beta-oxidation.
関連疾患	Defects in ACADSB are the cause of short/branched-chain acyl-CoA dehydrogenase deficiency (SBCADD) [MIM:610006]; also known as 2-methylbutyryl-CoA dehydrogenase deficiency or 2-methylbutyryl glycinuria. SBCADD is an autosomal recessive disorder and consists of a defect in catabolism of L-isoleucine which is characterized by an increase of 2-methylbutyrylglycine and 2-methylbutyrylcarnitine in blood and urine. Affected individuals have seizures and psychomotor delay as the main clinical features.
配列類似性	Belongs to the acyl-CoA dehydrogenase family.
細胞内局在	Mitochondrion matrix.

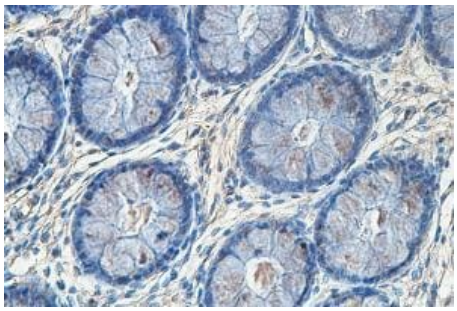
画像



Western blot - Anti-SBCAD antibody (ab99951)

Anti-SBCAD antibody (ab99951) at 1/500 dilution + Human fetal liver lysate

Predicted band size: 47 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SBCAD antibody (ab99951)

ab99951, at 1/100 dilution, staining SBCAD in human fetal colon.

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