


Anti-ACADS/SCAD antibody ab79169

画像数 2

製品の概要

製品名	Anti-ACADS/SCAD antibody
製品の詳細	Rabbit polyclonal to ACADS/SCAD
由来種	Rabbit
特異性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Rat, Horse, Chicken, Cow, Pig, Orangutan 
免疫原	Synthetic peptide corresponding to Human ACADS/SCAD aa 350 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as ab91440)
ポジティブ・コントロール	Recombinant Human ACADS/SCAD protein (ab95383) can be used as a positive control in WB. This antibody gave a positive signal in the following human tissue lysates: liver; heart; skeletal muscle.
特記事項	<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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide

Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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

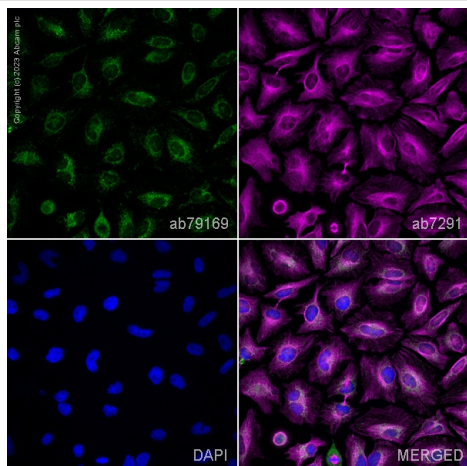
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab79169の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 44 kDa (predicted molecular weight: 44 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

ターゲット情報

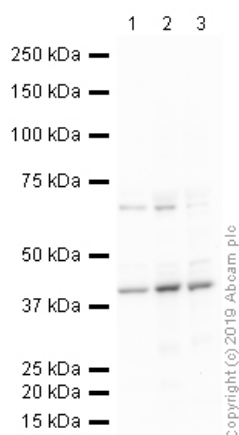
パスウェイ Lipid metabolism; mitochondrial fatty acid beta-oxidation.
関連疾患 Defects in ACADS are the cause of acyl-CoA dehydrogenase short-chain deficiency (ACADSD) [MIM:201470]. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.
配列類似性 Belongs to the acyl-CoA dehydrogenase family.
細胞内局在 Mitochondrion matrix.

画像



Immunocytochemistry/ Immunofluorescence - Anti-ACADS/SCAD antibody (ab79169)

ab79169 staining ACADS/SCAD in HeLa cells. The cells were fixed with 100% methanol (5 min), permeabilized with 0.1% PBS-Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1%PBS-Tween for 1h. The cells were then incubated overnight at 4°C with ab79169 at 1µg/ml and **ab7291**, Mouse monoclonal [DM1A] to alpha Tubulin - Loading Control. Cells were then incubated with **ab150081**, Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 488), pre-adsorbed at 1/1000 dilution (shown in green) and **ab150120**, Goat polyclonal Secondary Antibody to Mouse IgG - H&L (Alexa Fluor® 594), pre-adsorbed at 1/1000 dilution (shown in pseudocolour magenta). Nuclear DNA was labelled with DAPI (shown in blue). Also suitable in cells fixed with 4% paraformaldehyde (10 min). Image was acquired with a high-content analyser (Operetta CLS, Perkin Elmer) and a maximum intensity projection of confocal sections is shown.



Western blot - Anti-ACADS/SCAD antibody (ab79169)

All lanes : Anti-ACADS/SCAD antibody (ab79169) at 1 µg/ml

Lane 1 : Human liver

Lane 2 : Human heart

Lane 3 : Human skeletal muscle

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Predicted band size: 44 kDa

Observed band size: 44,68 kDa

Exposure time: 1 minute

Blocking buffer: 2% BSA

Gel type: MOPS

Exposure Time: 1 Minute

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

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