


Anti-ACADS/SCAD antibody ab79169

2 图像

概述

产品名称	Anti-ACADS/SCAD 抗体
描述	兔多克隆抗体 to ACADS/SCAD
宿主	Rabbit
特异性	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.
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: 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)
阳性对照	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.
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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	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.

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ab79169于以下的经测试应用

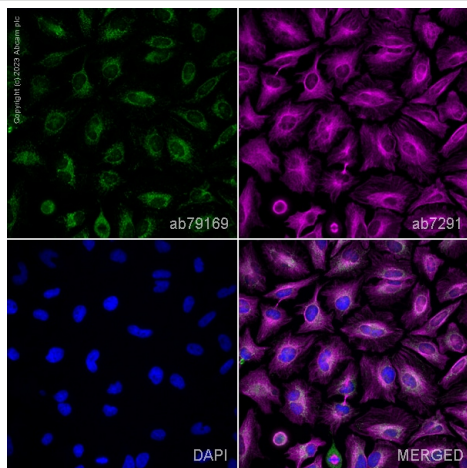
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 44 kDa (predicted molecular weight: 44 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

靶标

通路 Lipid metabolism; mitochondrial fatty acid beta-oxidation.
疾病相关 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.
序列相似性 Belongs to the acyl-CoA dehydrogenase family.
细胞定位 Mitochondrion matrix.

图片

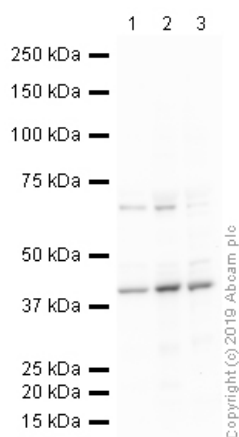


Immunocytochemistry/ Immunofluorescence - Anti-ACADS/SCAD antibody (ab79169)

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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