

Anti-ACADS/SCAD antibody [EPR10862(B)] ab156571

リコンビナント **RabMAb**

★★★★★ [2 Abreviews](#) [4 References](#) [画像数 10](#)

製品の概要

| | |
|--------------|--|
| 製品名 | Anti-ACADS/SCAD antibody [EPR10862(B)] |
| 製品の詳細 | Rabbit monoclonal [EPR10862(B)] to ACADS/SCAD |
| 由来種 | Rabbit |
| 特異性 | The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat. |
| アプリケーション | 適用あり: WB, IHC-P, IP 適用なし: Flow Cyt or ICC/IF |
| 種交差性 | 交差種: Mouse, Rat, Human |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| ポジティブ・コントロール | WB: HeLa, Mouse liver, and Rat kidney lysates. IHC-P: human hepatocellular carcinoma, Human heart and Human thyroid gland tissues tissue. IP: Human liver cells. |
| 特記事項 | This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . |

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. Avoid freeze / thaw cycles. |
| バッファー | Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |
| クローン名 | EPR10862(B) |

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ab156571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。

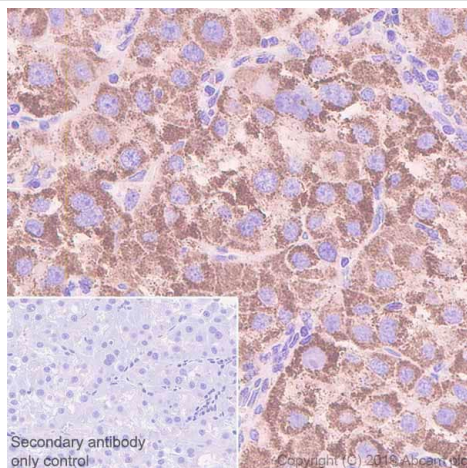
| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| WB | ★★★★★ (1) | 1/1000 - 1/10000. Detects a band of approximately 41 kDa (predicted molecular weight: 44 kDa). |
| IHC-P | | 1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat. See <u>IHC antigen retrieval protocols.</u> |
| IP | | 1/10 - 1/100. |

追加情報 Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

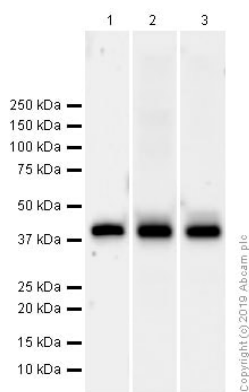
| | |
|-------|--|
| パスウェイ | Lipid metabolism; mitochondrial fatty acid beta-oxidation. |
| 関連疾患 | Defects in ACADS are the cause of acyl-CoA dehydrogenase short-chain deficiency (ACADSD) [MIM:201470]. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human hepatocellular carcinoma tissue sections labeling ACADS/SCAD with Purified ab156571 at 1:100 dilution (3.76 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Purified ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

All lanes : Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571) at 1/1000 dilution (Purified)

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2 : Mouse liver lysates

Lane 3 : Rat kidney lysates

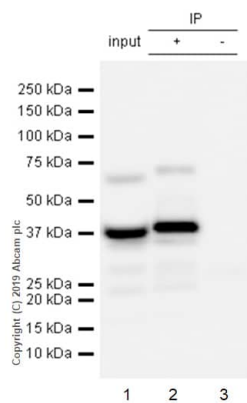
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 44 kDa

Observed band size: 41 kDa



Immunoprecipitation - Anti-ACADS/SCAD antibody
[EPR10862(B)] (ab156571)

ab156571 (Purified) at 1:20 dilution (2 µg) immunoprecipitating ACADS/SCAD in Human liver lysate.

Lane 1 (input): Human liver lysate 10 µg

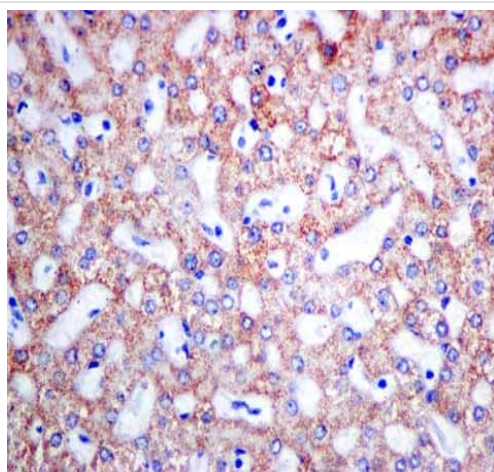
Lane 2 (+): ab156571 & Human liver lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab156571 in Human liver lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP)

(**ab131366**) was used at 1:1000 dilution.

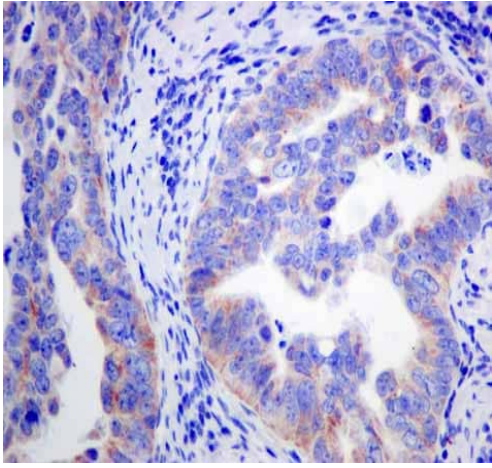
Blocking and diluting buffer: 5% NFDM/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody
[EPR10862(B)] (ab156571)

ab156571 showing +ve staining in Human normal liver.

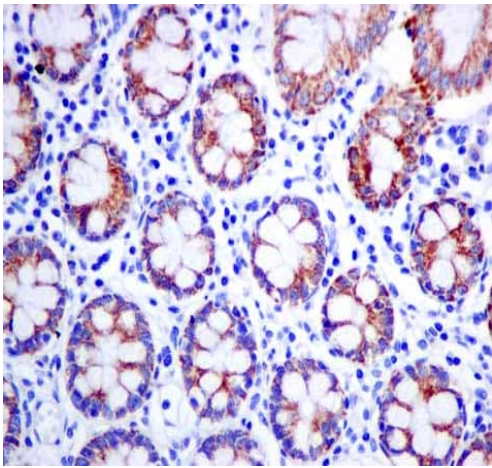
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

ab156571 showing +ve staining in Human gastric adenocarcinoma.

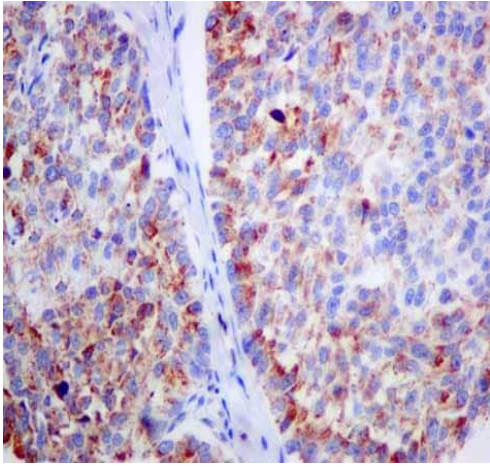
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

ab156571 showing +ve staining in Human normal colon.

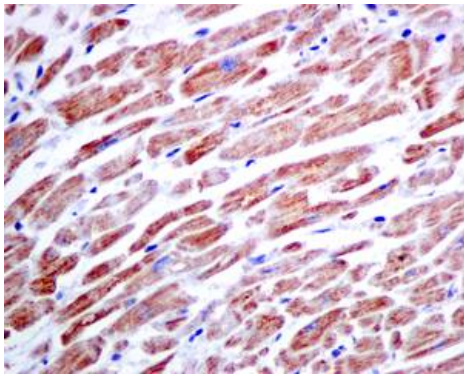
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

ab156571 showing +ve staining in Human urinary bladder carcinoma.

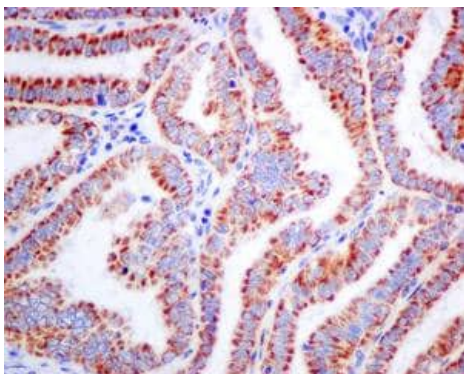
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

Immunohistochemical analysis of paraffin embedded Human heart tissue labeling ACADS/SCAD with ab156571 antibody at 1/50.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACADS/SCAD antibody [EPR10862(B)] (ab156571)

Immunohistochemical analysis of paraffin embedded Human thyroid gland tissue labeling ACADS/SCAD with ab156571 antibody at 1/50.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



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Confirmed specificity



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Animal-free production

Anti-ACADS/SCAD antibody [EPR10862(B)]
(ab156571)

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