


### Anti-ACAA2 antibody [EPR6733] ab128911

リコンビナント **RabMAb**

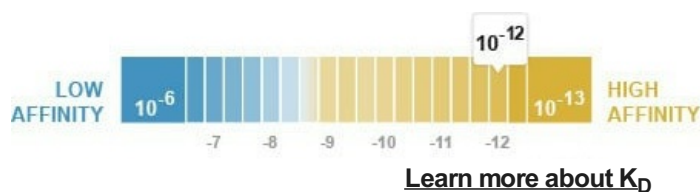
**3 References** [画像数 5](#)

#### 製品の概要

製品名	Anti-ACAA2 antibody [EPR6733]
製品の詳細	Rabbit monoclonal [EPR6733] to ACAA2
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF <b>適用なし:</b> Flow Cyt or IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic peptide within Human ACAA2 aa 350-450. The exact sequence is proprietary.
ポジティブ・コントロール	HepG2, 293T, and HeLa whole cell lysate ( <a href="#">ab150035</a> ); Human colonic carcinoma tissue. IF/ICC: HepG2 cell line.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 2.30 x 10 <sup>-12</sup> M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR6733
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ab128911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。

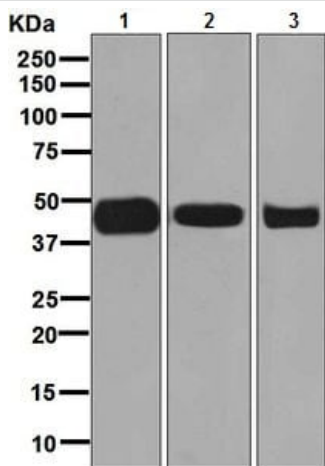
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 41 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

追加情報 Is unsuitable for Flow Cyt or IP.

## ターゲット情報

機能	Abolishes BNIP3-mediated apoptosis and mitochondrial damage.
パスウェイ	Lipid metabolism; fatty acid metabolism.
配列類似性	Belongs to the thiolase family.
細胞内局在	Mitochondrion. Colocalizes with BNIP3 in the mitochondria.

## 画像



Western blot - Anti-ACAA2 antibody [EPR6733]  
(ab128911)

**All lanes :** Anti-ACAA2 antibody [EPR6733] (ab128911) at 1/1000 dilution

**Lane 1 :** HepG2 cell lysate

**Lane 2 :** 293T cell lysate

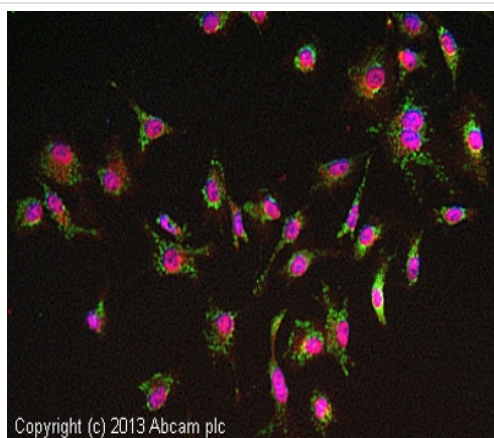
**Lane 3 :** HeLa cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

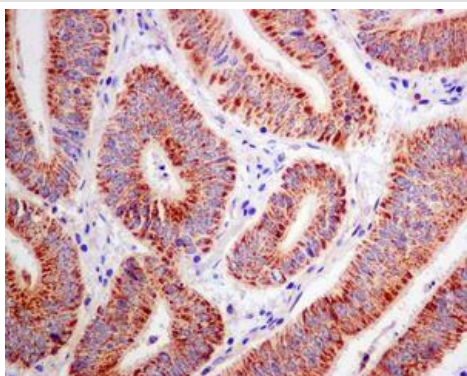
**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 41 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ACAA2 antibody [EPR6733] (ab128911)

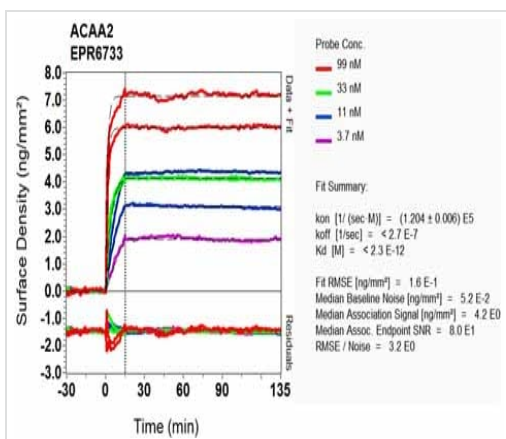
ab128911 stained HepG2 cells. The cells were 4% formaldehyde fixed for 10 minutes at room temperature and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1hour at room temperature to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab128911 at 1/100 dilution) overnight at +4°C. The secondary antibody (pseudo-colored green) was Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed ([ab150081](#)) used at a 1/1000 dilution for 1hour at room temperature. Alexa Fluor® 594 WGA was used to label plasma membranes (pseudo-colored red) at a 1/200 dilution for 1hour at room temperature. DAPI was used to stain the cell nuclei (pseudo-colored blue) at a concentration of 1.43µM for 1hour at room temperature.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACAA2 antibody [EPR6733] (ab128911)

ab128911 at 1/100 dilution staining ACAA2 in paraffin embedded Human colonic carcinoma tissue by immunohistochemistry.

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



SPR Scanning - Anti-ACAA2 antibody [EPR6733]  
(ab128911)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-ACAA2 antibody [EPR6733] (ab128911)

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

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