


# Anti-ACAA2 antibody [EPR6733] - BSA and Azide free ab248216

リコンビナント RabMAb

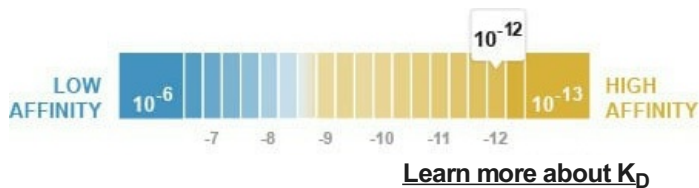
画像数 5

### 製品の概要

製品名	Anti-ACAA2 antibody [EPR6733] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6733] to ACAA2 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB, 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. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248216 is the carrier-free version of <a href="#">ab128911</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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 +4°C. Do Not Freeze.
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: 7.2 Constituent: PBS
キャリア・フリー	はい
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ab248216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。

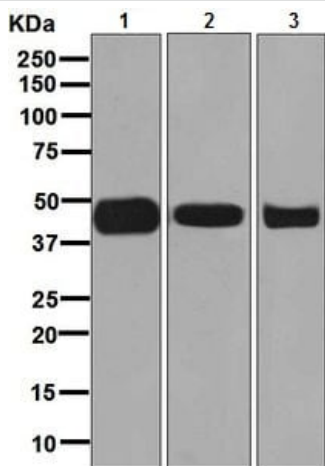
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 41 kDa.
ICC/IF		Use at an assay dependent concentration.

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] - BSA and Azide free (ab248216)

**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.

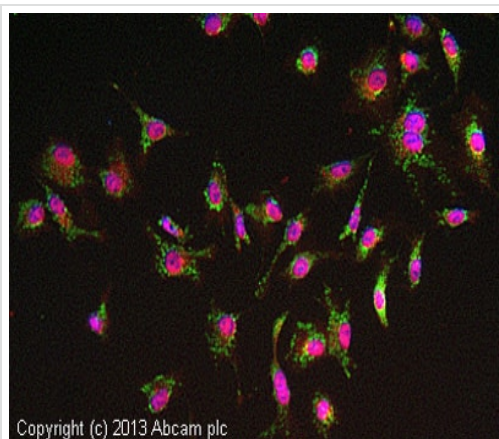
#### Secondary

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

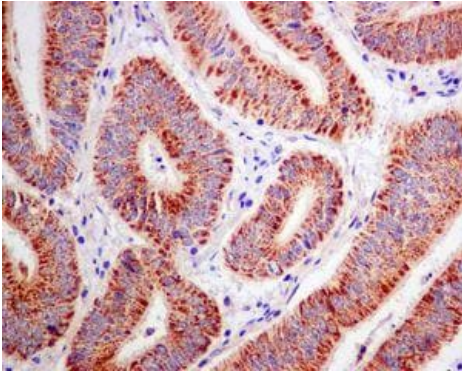
**Predicted band size:** 41 kDa

This data was developed using **ab128911**, the same antibody clone in a different buffer formulation.

This data was developed using **ab128911**, the same antibody clone in a different buffer formulation. **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 1 hour 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 1 hour at room temperature. Alexa Fluor® 594 WGA was used to label plasma membranes (pseudo-colored red) at a 1/200 dilution for 1 hour at room temperature. DAPI was used to stain the cell nuclei (pseudo-colored blue) at a concentration of 1.43µM for 1 hour at room temperature.

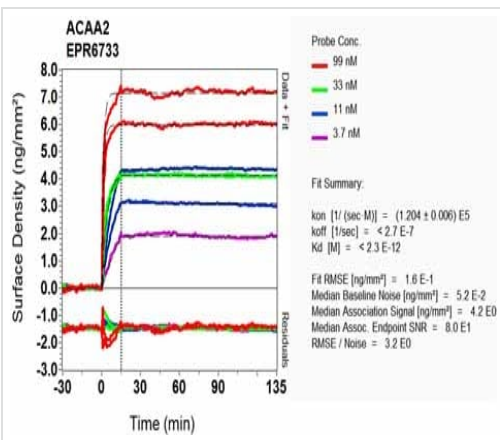


Immunocytochemistry/ Immunofluorescence - Anti-ACAA2 antibody [EPR6733] - BSA and Azide free (ab248216)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACAA2 antibody [EPR6733] - BSA and Azide free (ab248216)

This data was developed using [ab128911](#), the same antibody clone in a different buffer formulation. [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] - BSA and Azide free (ab248216)


This data was developed using [ab128911](#), the same antibody clone in a different buffer formulation. 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] - BSA and Azide free (ab248216)

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

## **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors