

## Product datasheet

# Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)] ab191431

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [1 References](#) [4 Images](#)

### Overview

<b>Product name</b>	Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)]
<b>Description</b>	Rabbit monoclonal [EPR8416(2)] to ACAT2/Acetyl-CoA acetyltransferase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	HepG2, HeLa, Jurkat, K562, PC12 and NIH 3T3 cell lysates.
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR8416(2)
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab191431 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).
IP		1/20.

## Target

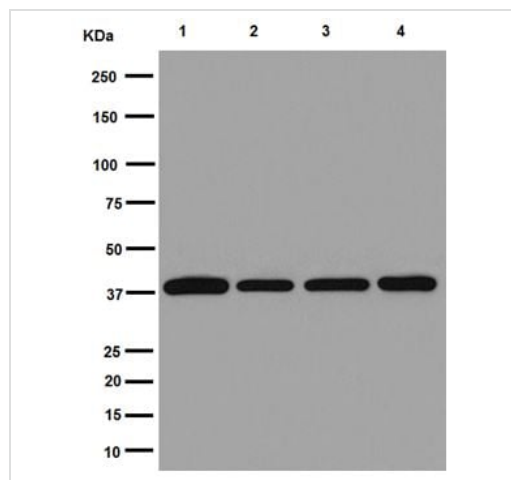
### Sequence similarities

Belongs to the thiolase family.

### Cellular localization

Cytoplasm.

## Images



Western blot - Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)] (ab191431)

**All lanes** : Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)] (ab191431) at 1/10000 dilution

**Lane 1** : HepG2 cell lysate

**Lane 2** : HeLa cell lysate

**Lane 3** : Jurkat cell lysate

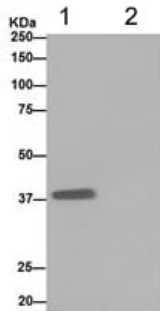
**Lane 4** : K562 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

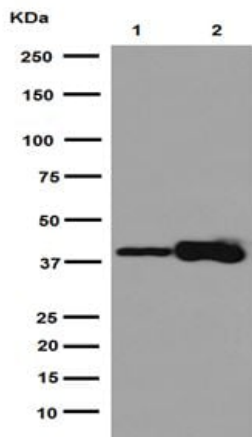
**Predicted band size:** 41 kDa



Immunoprecipitation - Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)] (ab191431)

Western blot analysis of immunoprecipitation pellet from HepG2 cell lysate immunoprecipitated using ab191431 at 1/20 dilution (lane 1) or PBS control (lane 2).

Secondary: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.



Western blot - Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)] (ab191431)

**All lanes :** Anti-ACAT2/Acetyl-CoA acetyltransferase antibody [EPR8416(2)] (ab191431) at 1/1000 dilution

**Lane 1 :** PC12 cell lysate

**Lane 2 :** NIH 3T3 cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 41 kDa

### 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-ACAT2/Acetyl-CoA acetyltransferase antibody  
[EPR8416(2)] (ab191431)

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

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- 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

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