

Anti-PRAS40 antibody [EPR6263(2)] ab151719

敲除验证 重组 RabMAb

5 References 5 图像

概述	
产品名称	Anti-PRAS40抗体[EPR6263(2)]
描述	兔单克隆抗体[EPR6263(2)] to PRAS40
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, Flow Cyt (Intra) 不适用于: ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide within Human PRAS40 aa 150-250. The exact sequence is proprietary. Database link: <a href="#">Q96B36</a>
阳性对照	293T, SHSY5Y, HeLa and NIH 3T3 cell lysates; Human liver tissue; 293T cells.
常规说明	<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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified
克隆	单克隆

同种型 IgG

## The Abpromise guarantee

**“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。**

应用说明 Is unsuitable for ICC/IF.

## 功能

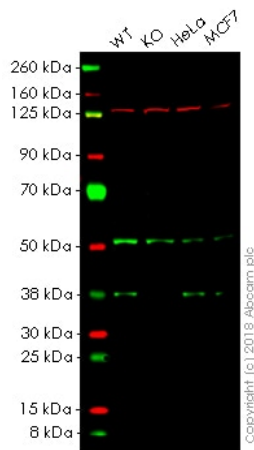
### 组织特异性

### 翻译后修饰

## 细胞定位

Cytoplasm > cytosol. Found in the cytosolic fraction of the brain.

## 2



Western blot - Anti-PRAS40 antibody [EPR6263(2)] (ab151719)

**All lanes :** Anti-PRAS40 antibody [EPR6263(2)] (ab151719) at 1/1000 dilution

**Lane 1 :** Wild-type HAP1 whole cell lysate

**Lane 2 :** AKT1S1 knockout HAP1 whole cell lysate

**Lane 3 :** HeLa whole cell lysate

**Lane 4 :** MCF-7 whole cell lysate

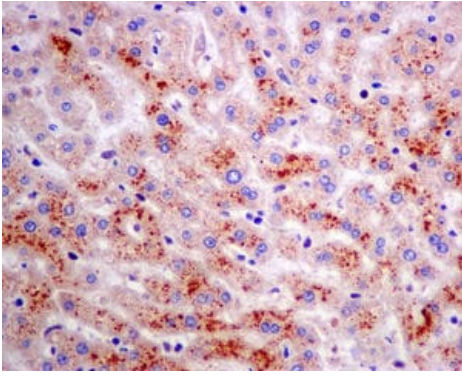
Lysates/proteins at 20 µg per lane.

**Predicted band size:** 27 kDa

**Observed band size:** 40 kDa

**Lanes 1 -4:** Merged signal (red and green). Green - ab151719 observed at 27 kDa. Red - loading control, **ab130007**, observed at 124 kDa.

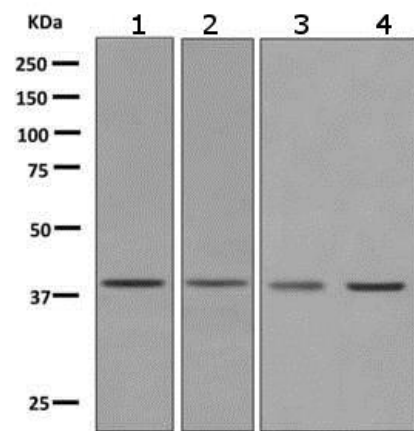
ab151719 was shown to recognize PRAS40 in wild-type HAP1 cells as signal was lost at the expected MW in AKT1S1 knockout cells. Additional cross-reactive bands were observed in the wild-type and knockout cells. Wild-type and AKT1S1 knockout samples were subjected to SDS-PAGE. Ab151719 and **ab130007** (Mouse anti-Vinculin loading control) were incubated overnight at 4°C at 1/1000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed **ab216776** secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRAS40 antibody [EPR6263(2)] (ab151719)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling PRAS40 with ab151719 at 1/50 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-PRAS40 antibody [EPR6263(2)] (ab151719)

**All lanes** : Anti-PRAS40 antibody [EPR6263(2)] (ab151719) at 1/1000 dilution

**Lane 1** : 293T cell lysate

**Lane 2** : SHSY5Y cell lysate

**Lane 3** : HeLa cell lysate

**Lane 4** : NIH 3T3 cell lysate

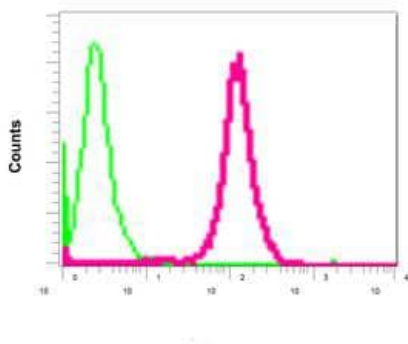
Lysates/proteins at 10 µg per lane.

#### Secondary

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

**Predicted band size:** 27 kDa

**Observed band size:** 40 kDa



Flow Cytometry (Intracellular) - Anti-PRAS40 antibody [EPR6263(2)] (ab151719)

Intracellular flow cytometric analysis of permeabilized 293T cells labeling PRAS40 with ab151719 at 1/10 dilution (red), compared to a nonspecific control antibody (green).

### 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-PRAS40 antibody [EPR6263(2)] (ab151719)

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

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