




# Anti-PCB antibody ab196277

## 2 图像

### 概述

产品名称	Anti-PCB抗体
描述	兔多克隆抗体to PCB
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow 
免疫原	Recombinant fragment corresponding to Human PCB aa 50-400. (BC011617). Database link: <a href="#">P11498</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
阳性对照	Raji, HEK293 and 293T cell lysates, Human fetal brain tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.02% Sodium azide Constituent: 1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab196277 于以下的经测试应用

“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	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 130 kDa.
IHC-P		1/100 - 1/500.

## 靶标

### 功能

Pyruvate carboxylase catalyzes a 2-step reaction, involving the ATP-dependent carboxylation of the covalently attached biotin in the first step and the transfer of the carboxyl group to pyruvate in the second. Catalyzes in a tissue specific manner, the initial reactions of glucose (liver, kidney) and lipid (adipose tissue, liver, brain) synthesis from pyruvate.

### 通路

Carbohydrate biosynthesis; gluconeogenesis.

### 疾病相关

Defects in PC are the cause of pyruvate carboxylase deficiency (PC deficiency) [MIM:266150]. PC deficiency leads to lactic acidosis, mental retardation and death. It occurs in three forms: mild or type A, severe neonatal or type B, and a very mild lacticacidemia.

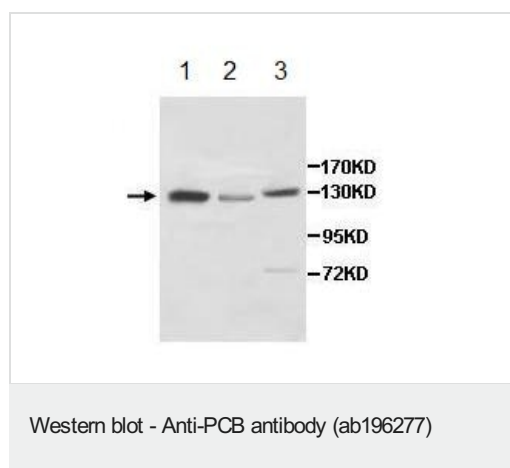
### 序列相似性

Contains 1 ATP-grasp domain.  
Contains 1 biotin carboxylation domain.  
Contains 1 biotinyl-binding domain.  
Contains 1 carboxyltransferase domain.

### 细胞定位

Mitochondrion matrix.

## 图片



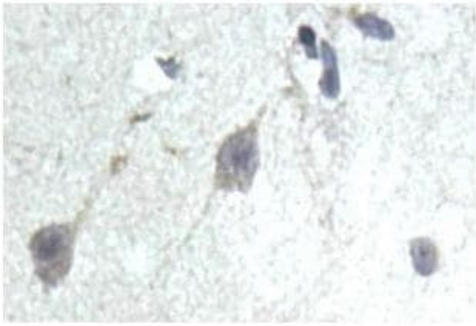
**All lanes :** Anti-PCB antibody (ab196277) at 1/500 dilution

**Lane 1 :** Raji cell lysate

**Lane 2 :** HEK293 cell lysate

**Lane 3 :** 293T cell lysate

**Predicted band size:** 130 kDa



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human fetal brain tissue labeling PCB with ab196277 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PCB antibody (ab196277)

**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.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

---

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