


### Anti-PCYOX1 antibody [EPR5611] ab124966

重组 RabMAb

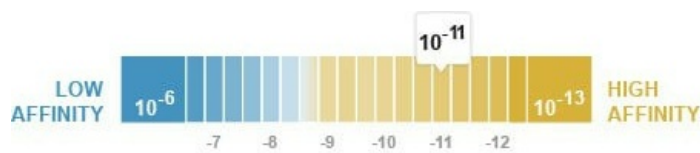
#### 4 图像

#### 概述

|              |  |
|--------------|--|
| <b>产品名称</b>  | Anti-PCYOX1抗体[EPR5611]   |
| <b>描述</b>    | 兔单克隆抗体[EPR5611] to PCYOX1  |
| <b>宿主</b>    | Rabbit   |
| <b>经测试应用</b> | <b>适用于:</b> WB<br><b>不适用于:</b> Flow Cyt, ICC/IF, IHC-P or IP   |
| <b>种属反应性</b> | <b>与反应:</b> Human<br><b>预测可用于:</b> Mouse, Rat   |
| <b>免疫原</b>   | Synthetic peptide within Human PCYOX1 aa 50-150. The exact sequence is proprietary.  |
| <b>阳性对照</b>  | SH-SY5Y, HepG2, 293T, and HeLa cell lysates.   |
| <b>常规说明</b>  | This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> .<br>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> . |

#### 性能

|                             |  |
|-----------------------------|--|
| <b>形式</b>                   | Liquid   |
| <b>存放说明</b>                 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| <b>解离常数 (K<sub>D</sub>)</b> | K <sub>D</sub> = 1.30 x 10 <sup>-11</sup> M  |



[Learn more about K<sub>D</sub>](#)

|             |   |
|-------------|---|
| <b>存储溶液</b> | pH: 7.2<br>Preservative: 0.05% Sodium azide |
|-------------|---|

Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

**纯度** Protein A purified  
**克隆** 单克隆  
**克隆编号** EPR5611  
**同种型** IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab124966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 |      | 1/10000 - 1/50000. Detects a band of approximately 63 kDa (predicted molecular weight: 57 kDa). |

**应用说明** Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## 靶标

**功能** Involved in the degradation of prenylated proteins. Cleaves the thioether bond of prenyl-L-cysteines, such as farnesylcysteine and geranylgeranyl cysteine.

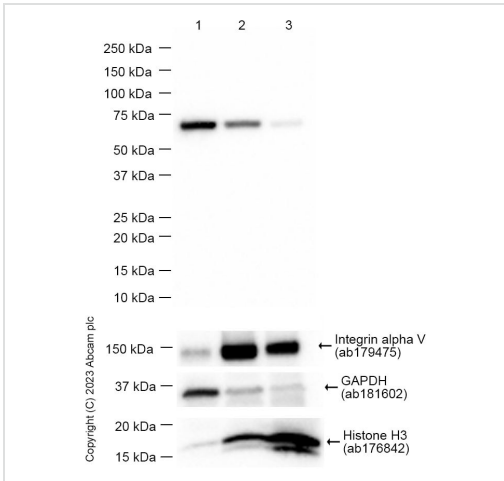
**组织特异性** Ubiquitous.

**序列相似性** Belongs to the prenylcysteine oxidase family.

**翻译后修饰** The protein is glycosylated at one or more potential N-glycosylation sites.

**细胞定位** Lysosome.

## 图片



Western blot - Anti-PCYOX1 antibody [EPR5611] (ab124966)

**All lanes :** Anti-PCYOX1 antibody [EPR5611] (ab124966) at 1/10000 dilution

**Lane 1 :** A431 (Human epidermoid carcinoma epithelial cell) cytoplasm lysate

**Lane 2 :** A431 (Human epidermoid carcinoma epithelial cell) membrane lysate

**Lane 3 :** A431 (Human epidermoid carcinoma epithelial cell) nuclear lysate

Lysates/proteins at 20 µg per lane.

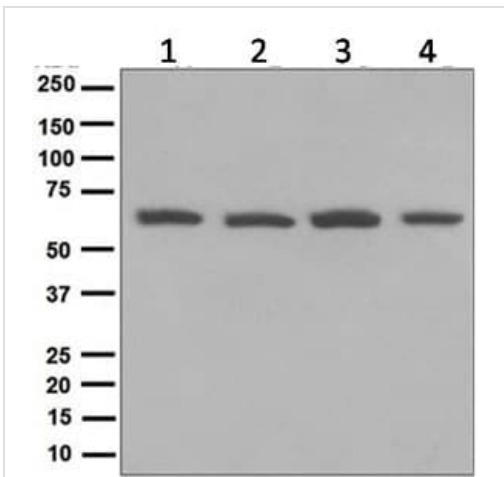
**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 57 kDa

**Exposure time:** 3 seconds

Blocking and dilution buffer: 5% NFD/MTBST.



Western blot - Anti-PCYOX1 antibody [EPR5611] (ab124966)

**All lanes :** Anti-PCYOX1 antibody [EPR5611] (ab124966) at 1/10000 dilution

**Lane 1 :** SH-SY5Y cell lysates

**Lane 2 :** HepG2 cell lysates

**Lane 3 :** 293T cell lysates

**Lane 4 :** HeLa cell lysates

Lysates/proteins at 10 µg per lane.

**Secondary**

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

**Predicted band size:** 57 kDa

Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

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

OI-RD Scanning - Anti-PCYOX1 antibody [EPR5611] (ab124966)

## 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-PCYOX1 antibody [EPR5611] (ab124966)

**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