

Product datasheet

Anti-PIP5K2 alpha antibody ab37799

2 图像

概述

|       |   |
|-------|---|
| 产品名称  | Anti-PIP5K2 alpha抗体   |
| 描述    | 兔多克隆抗体to PIP5K2 alpha   |
| 宿主    | Rabbit  |
| 特异性   | This antibody is specific for PIP5K2.   |
| 经测试应用 | 适用于: ELISA, IHC-P, WB   |
| 种属反应性 | 与反应: Mouse, Human   |
| 免疫原   | A KLH conjugated synthetic peptide selected within aa 100~200 of human PIP5K2 alpha (N terminal). |
| 阳性对照  | Breast carcinoma tissue and mouse skeletal muscle tissue lysate.                                  |

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.   |
| 存储溶液 | Preservative: 0.09% Sodium Azide<br>Constituents: PBS  |
| 纯度   | Protein G purified   |
| 纯化说明 | This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS. |
| 克隆   | 多克隆  |
| 同种型  | IgG  |

应用

Our [Abpromise guarantee](#) covers the use of **ab37799** in the following tested applications.

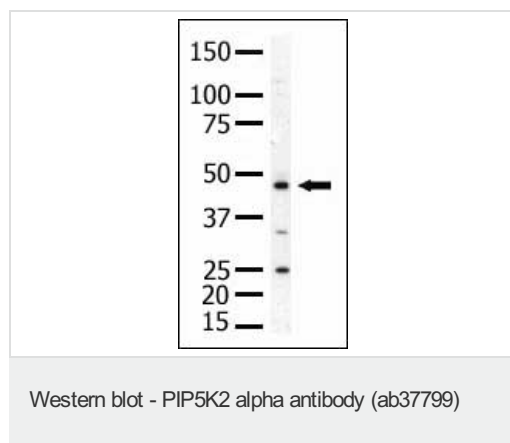
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用    | Ab评论 | 说明  |
|-------|------|---|
| ELISA |      | 1/1000.   |
| IHC-P |      | 1/50 - 1/100.   |
| WB    |      | 1/100 - 1/500. Detects a band of approximately 46 kDa (predicted molecular weight: 46 kDa). |

## 靶标

|       |   |
|-------|---|
| 功能    | Catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring, to form phosphatidylinositol-4,5-bisphosphate. |
| 组织特异性 | Expressed ubiquitously, with high levels in the brain. Present in most tissues, except notably skeletal muscle and small intestine.                               |
| 序列相似性 | Contains 1 PIPK domain.   |

## 图片

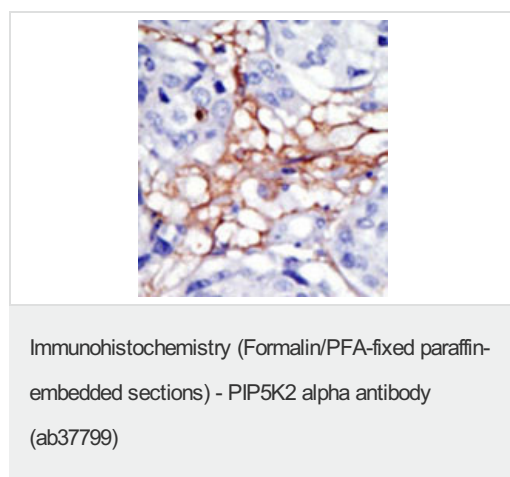


Anti-PIP5K2 alpha antibody (ab37799) at 1/100 dilution + mouse skeletal muscle tissue lysate

**Predicted band size:** 46 kDa

**Observed band size:** 46 kDa

**Additional bands at:** 25 kDa, 35 kDa. We are unsure as to the identity of these extra bands.



PIP5K2 alpha expression detected on human breast cancer tissue slides using ab37799 at a 1/50 dilution (a peroxidase-conjugated secondary antibody, followed by AEC staining was used).

This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## **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 <http://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