

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

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|------|--|
| 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 Constituent: 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.

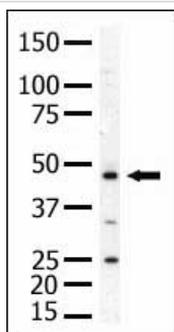
| 应用 | Ab评论 | 说明 |
|-------|------|---------|
| ELISA | | 1/1000. |

| 应用 | Ab评论 | 说明 |
|-------|------|---|
| 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

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|--------------|--|
| 功能 | Catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring, to form phosphatidylinositol-4,5-biphosphate. |
| 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



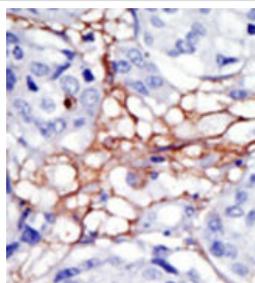
Western blot - Anti-PIP5K2 alpha antibody (ab37799)

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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PIP5K2 alpha antibody (ab37799)

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.

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