

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
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 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.

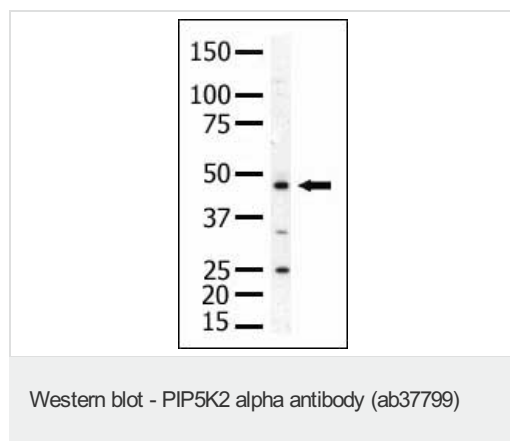
应用	Ab评论	说明
ELISA		1/1000.

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

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

## 图片

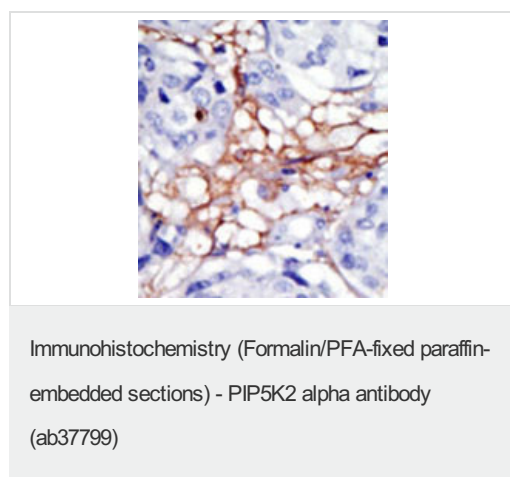


Anti-PIP5K2 alpha antibody (ab37799) at 1/100 dilution + mouse skeletal muscle tissue lysate

**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.

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