

# Anti-PIP5K1 beta antibody ab5468

## 画像数 2

### 製品の概要

製品名	Anti-PIP5K1 beta antibody
製品の詳細	Rabbit polyclonal to PIP5K1 beta
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, ELISA, WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide conjugated to KLH, corresponding to amino acids 1-18 of Human PIP5K1 B.
ポジティブ・コントロール	Human placenta cell lysate.
特記事項	

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the  $\gamma$  phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項(精製)	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.
一次抗体 備考	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the $\gamma$ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase

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ポリ/モノ

ポリクローナル

アイソタイプ

IgG

## アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab5468** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
IHC-P		1/50 - 1/100.
ELISA		1/1000.
WB		1/100 - 1/500. Detects a band of approximately 61 kDa (predicted molecular weight: 64 kDa).

## ターゲット情報

機能

Mediates RAC1-dependent reorganization of actin filaments (By similarity). Participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate.

組織特異性

Detected in heart, pancreas, brain, kidney, skeletal muscle and lung.

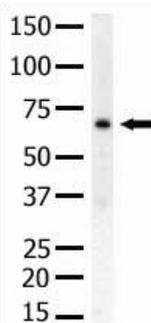
配列類似性

Contains 1 PIPK domain.

細胞内局在

Endomembrane system. Associated with membranes.

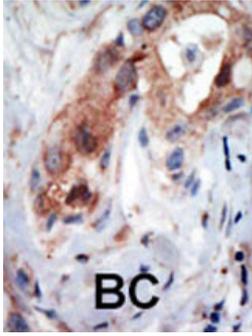
## 画像



ab5468 at a 1/100 dilution staining approximately 61kDa band of PIP5K1 B in human placenta cell lysate by Western blot (ECL).

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Western blot - Anti-PIP5K1 beta antibody (ab5468)



ab5468 staining PIP5K1 beta in human breast carcinoma (BC) tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PIP5K1 beta antibody (ab5468)

**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

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- 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.co.jp/abpromise> or contact our technical team.

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