

A7749

Leader in Biomolecular Solutions for Life Science



## PIP5K1B Rabbit pAb

Catalog No.: A7749

### Basic Information

**Observed MW**

71kDa

**Calculated MW**

61kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IF/ICC,ELISA

**Cross-Reactivity**

Human,Mouse,Rat

### Background

Predicted to enable 1-phosphatidylinositol-4-phosphate 5-kinase activity. Predicted to be involved in regulation of phosphatidylinositol 3-kinase signaling. Predicted to act upstream of or within phosphatidylinositol biosynthetic process. Located in uropod.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

### Immunogen Information

**Gene ID**

8395

**Swiss Prot**

O14986

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 190-470 of human PIP5K1B (NP\_003549.1).

**Synonyms**

MSS4; STM7; PIP5K1B

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

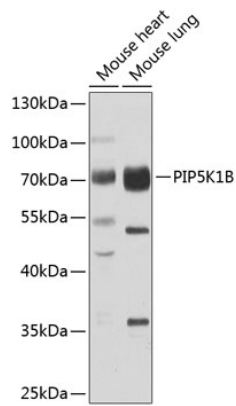
Affinity purification

**Storage**

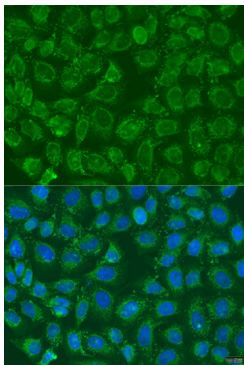
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using PIP5K1B antibody (A7749) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunofluorescence analysis of U2OS cells using PIP5K1B antibody (A7749) at dilution of 1:100. Blue: DAPI for nuclear staining.