

# PIP5K1B Rabbit pAb

Catalog No.: A7749

## Basic Information

### Observed MW

71kDa

### Calculated MW

61kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### 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

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
8395	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)

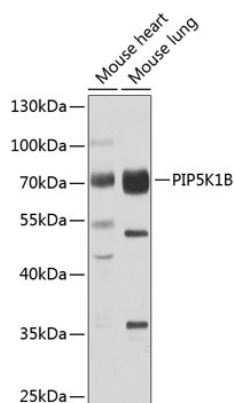
## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using PIP5K1B antibody (A7749) at 1:1000 dilution.

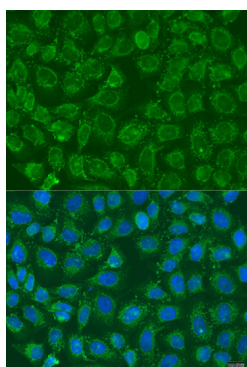
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

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.