

**Product Name: PIP5K1C Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02444**



## Summary

<b>Production Name</b>	PIP5K1C Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	Pip5K1C
<b>Alternative Names</b>	Al115456; Al835305; Pip5klgamma
<b>Gene ID</b>	18717.0
<b>SwissProt ID</b>	O70161

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 72 kDa; Observed MW: 90,87 kDa

## Background

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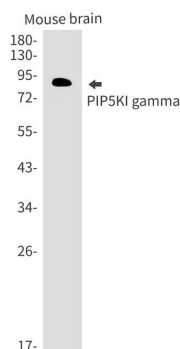


Catalyzes the phosphorylation of phosphatidylinositol 4-phosphate (PtdIns4P) to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P<sub>2</sub>). PtdIns(4,5)P<sub>2</sub> is involved in a variety of cellular processes and is the substrate to form phosphatidylinositol 3,4,5-trisphosphate (PtdIns(3,4,5)P<sub>3</sub>), another second messenger. The majority of PtdIns(4,5)P<sub>2</sub> is thought to occur via type I phosphatidylinositol 4-phosphate 5-kinases given the abundance of PtdIns4P.

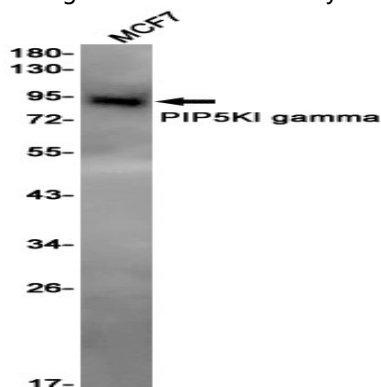
## Research Area

Signal Transduction

## Image Data



Western blot analysis of PIP5K1 gamma in mouse brain lysates using PIP5K1C antibody.



Western blot analysis of PIP5K1 gamma in MCF-7 lysates using PIP5K1 gamma antibody.

## Note

For research use only.