

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 72 kDa; Observed MW: 90,87 kDa

Antigen Information

Gene Name	Pip5K1C
Alternative Names	AI115456; AI835305; Pip5kIgamma
Gene ID	18717.0
SwissProt ID	O70161
Immunogen	Recombinant protein of mouse PIP5KI gamma

Background

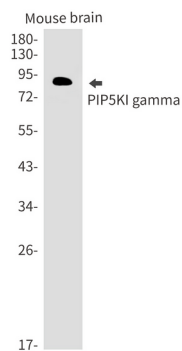
Catalyzes the phosphorylation of phosphatidylinositol 4-phosphate (PtdIns4P) to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂). PtdIns(4,5)P₂ is involved in a variety of cellular processes and is the substrate to form phosphatidylinositol

3,4,5-trisphosphate (PtdIns(3,4,5)P₃), another second messenger. The majority of PtdIns(4,5)P₂ is thought to occur via type I phosphatidylinositol 4-phosphate 5-kinases given the abundance of PtdIns4P.

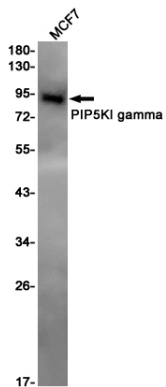
Research Area

Signal Transduction

Image Data



Western blot analysis of PIP5KI gamma in mouse brain lysates using PIP5K1C antibody.



Western blot analysis of PIP5KI gamma in MCF-7 lysates using PIP5KI gamma antibody.