

Anti-PIP5K1C Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012804

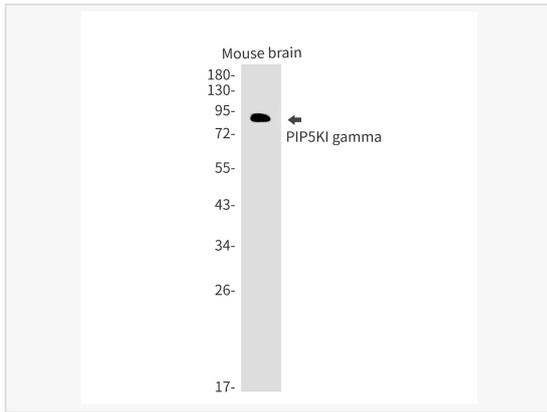
Product Information

Application	IP, ELISA, WB
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	86M53M77
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of mouse PIP5KI gamma
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PIP5K1C antibody [86M53M77] is for research use only and not for use in diagnostic or therapeutic procedures.

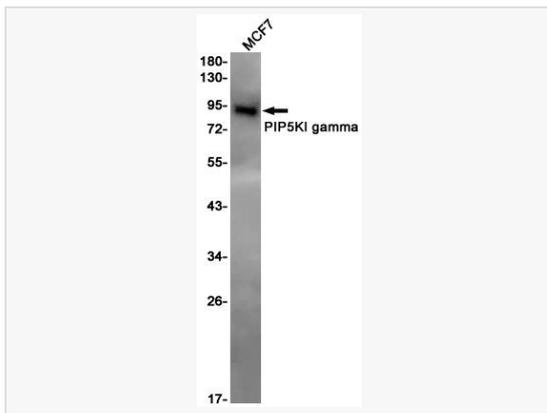
Protein Information

Synonyms	AI115456, AI835305, Pip5kIgamma.
Calculated MW	Calculated MW: 72 kDa; Observed MW: 90,87 kDa
Uniprot ID	O70161
Gene ID	18717
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.

Validation Images



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.