

PIP5K1C RABBIT MAB

Cat.#: N262721

Product Name: Anti-PIP5K1C Rabbit Monoclonal Antibody

Synonyms: A1115456; A1835305; Pip5k1gamma

UNIPROT ID: O70161

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.

Immunogen: Recombinant protein of mouse PIP5KI gamma

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-3J3

MW: Calculated MW: 72 kDa; Observed MW: 90,87 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse

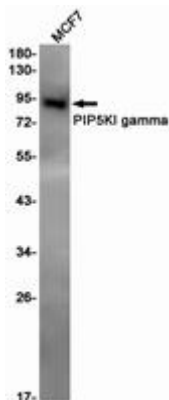
Conjugation: Unconjugated

Modification: Unmodified

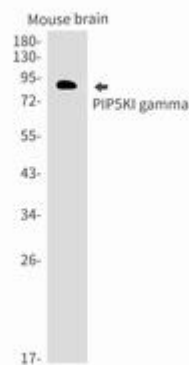
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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