

PIP5KI gamma Recombinant Rabbit mAb

Catalog: BS46939

Host: Rabbit

Reactivity: Human, Mouse, Rat

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. Participates in a variety of cellular processes such as vesicle mediated transport, cell adhesion, cell polarization and cell migration. Together with PIP5K1A is required for phagocytosis, but they regulate different types of actin remodeling at sequential steps.

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

90,87 kDa

Swiss-Prot:

O70161

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000-1:5000
IP: 1:20-1:50

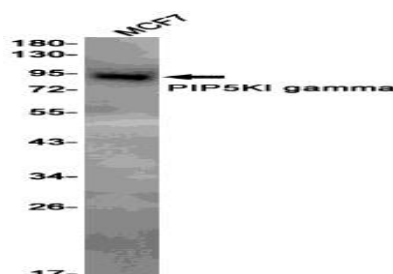
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot detection of PIP5KI gamma in MCF7 cell lysates using PIP5KI gamma antibody(1:1000 diluted).

Note:

For research use only, not for use in diagnostic procedure.

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