

PI 3 kinase p110 alpha Rabbit monoclonal antibody

Catalog: BS40084

Host: Rabbit

Reactivity: Human Mouse Rat

BackGround:

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns(4,5)P₂ (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP₃). PIP₃ plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

110kDa

Swiss-Prot:

P42336

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:1000~1:2000 ICC/IF 1:50~1:200 IP 1:20

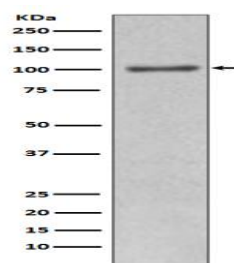
Storage&Stability:

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

Specificity:

PI 3 Kinase catalytic subunit alpha detects endogenous levels of total PI 3 Kinase catalytic subunit alpha

DATA:



Western blot analysis of PI 3 kinase p110 alpha expression in Jurkat cell lysate. Western blot analysis of PI 3 kinase p110 alpha expression in Jurkat cell lysate.

Note:

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

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