

PI3K p110δ polyclonal antibody

Catalog: BS60441

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Phosphatidylinositol 3-kinase (PI 3-kinase) is composed of p85 and p110 subunits. p85 lacks PI 3-kinase activity and acts as an adapter, coupling p110 to activated protein tyrosine kinase. Two forms of p85 have been described (p85α and p85β), each possessing one SH3 and two SH2 domains. Various p110 isoforms have been identified. p110α and p110β interact with p85α, and p110α has also been shown to interact with p85β in vitro. p110δ expression is restricted to white blood cells. It has been shown to bind p85α and β, but it apparently does not phosphorylate these subunits. p110δ seems to have the capacity to autophosphorylate. p110γ does not interact with the p85 subunits. It has been shown to be activated by α and βγ heterotrimeric G proteins.

Product:

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

Molecular Weight:

~ 110 kDa

Swiss-Prot:

O00329

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

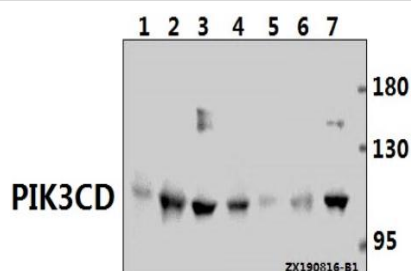
Storage&Stability:

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

Specificity:

PI3K p110δ polyclonal antibody detects endogenous levels of PI3K p110δ protein.

DATA:



Western blot (WB) analysis of PIK3CD pAb at 1:500 dilution

Lane1: The Testis tissue lysate of Mouse(40ug)

Lane2: RAW264.7 whole cell lysate(40ug)

Lane3: Myla2059 whole cell lysate(40ug)

Lane4: H1792 whole cell lysate(40ug)

Lane5: The Thymus tissue lysate of Rat(40ug)

Lane6: SK-OVCAR3 whole cell lysate(40ug)

Lane7: A549 whole cell lysate(40ug)

Note:

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

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