

PTP α (I792) polyclonal antibody

Catalog: BCP01390

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Protein tyrosine phosphatases, or PTPs, are type I transmembrane proteins, membrane associated proteins or proteins localized in nuclei. Examples of transmembrane PTPs are LAR, PTP α , PTP β , PTP γ , PTP δ , PTP ϵ , PTP ζ , PTP κ , PTP μ and PTP σ . Transmembrane PTP σ play diverse roles during development and in adult tissues. Immunodepletion studies have suggested LAR to be a regulator of Insulin receptor phosphorylation. PTP α activity is increased twofold in response to phorbol ester stimulation, resulting in serine phosphorylation either directly or indirectly by members of the PKC family.

Product:

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

Molecular Weight:

~ 145 kDa

Swiss-Prot:

P18433

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

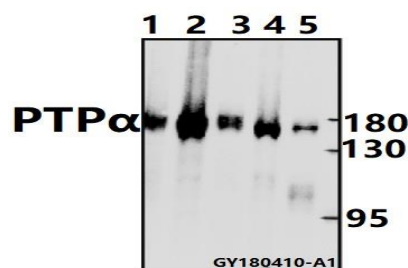
Storage&Stability:

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

Specificity:

PTP α (I792) polyclonal antibody detects endogenous levels of PTP α protein.

DATA:



Western blot (WB) analysis of PTP α (I792) pAb at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:CT26 whole cell lysate(40ug)

Lane3:The Heart tissue lysate of Rat(40ug)

Lane4:Panc1 whole cell lysate(20ug)

Lane5:Hela whole cell lysate(20ug)

Note:

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