

PKC delta (Phospho-Y313) polyclonal antibody

Catalog: BS64512

Host: Rabbit

Reactivity: Human

BackGround:

Protein Kinase C delta (PKC delta) is a 78 kDa member of the novel group (nPKCs: sensitive to diacylglycerol, phosphatidylserine, and phorbol esters) of the PKC family of serine/threonine kinases that are involved in a wide range of physiological processes including mitogenesis, cell survival and transcriptional regulation. PKC delta is an ubiquitously expressed PKC isozyme that has been implicated in the regulation of multiple cellular processes including cell cycle progression and apoptosis. Auto-phosphorylation of serine 664 (serine 662 in mouse and rat) contributes to PKC delta activity. Serum dependent phosphorylation of serine 664 is mediated by mTOR pathway, is protected from dephosphorylation by phosphorylated threonine 505 in the activation loop, and is implicated in prolactin signaling.

Product:

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

Molecular Weight:

~ 78 kDa

Swiss-Prot:

Q05655

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 IHC:1:50~1:200 IF:1:50~1:200

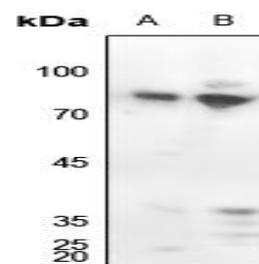
Storage&Stability:

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

Specificity:

PKC delta (Phospho-Y313) polyclonal antibody detects endogenous levels of PKC delta protein only when phosphorylated at Tyr313.

DATA:



Western blot (WB) analysis of PKC delta (Phospho-Y313) polyclonal antibody at 1:500 dilution

LaneA:HeLa whole cell lysate

LaneB:The Lung tissue lysate of Rat

Note:

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

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