

PKC Delta Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP07218

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PKC delta. AA range:471-

520

Mol wt 77477

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name PKC delta Antibody

Synonyms PRKCD; Protein kinase C delta type; Tyrosine-protein kinase PRKCD; nPKC-delta

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

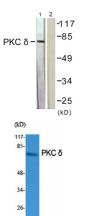
Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play distinct roles in cells. Protein kinase C delta by PRKCD is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000

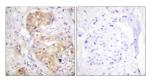
Not yet tested in other applications.

Images

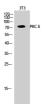


Western blot analysis of lysates from NIH/3T3 cells, treated with UV 15', using PKC delta Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using PKC δ Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PKC delta Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using PKC δ Polyclonal Antibody diluted at 1:1000 $\,$

Storage

-20°C for one year

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