

PKC Delta Polyclonal Antibody

Description

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|--------------------------------|------------------------------------------------------------------------------------------------|
| Product type | Primary Antibody |
| Code | BT-AP07217 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PKCD. AA range:30-79 |
| Mol wt | 77477 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | WB, 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.

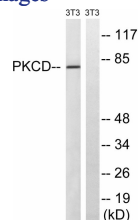
Recommended Dilution

WB: 1: 500 - 1: 2000

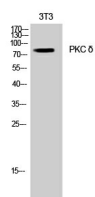
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from NIH/3T3 cells, treated with EGF 200ng/ml 30', using PKCD Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using PKC δ Polyclonal Antibody

Storage

-20°C for one year

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