BT LAB
Bioassay Technology Laboratory
Optimize Your Research

PKC delta(Phospho Tyr64) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13099
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PKCD around the phosphorylation site of Tyr64. AA range:30-79
Mol wt	77477
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Protein kinase C delta type
Synonyms	Protein kinase C delta type; 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. The protein encoded by this gene 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.

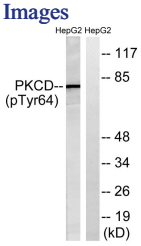
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HepG2 cells treated with PMA 125ng/ml 30', using PKCD (Phospho-Tyr64) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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