

PKC δ (phospho Tyr52) Polyclonal Antibody

Catalog No: #13616

Package Size: #13616-1 50ul #13616-2 100ul

Description

Product Name	PKC δ (phospho Tyr52) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PKC δ (Y52) Polyclonal Antibody detects endogenous levels of PKC δ protein only when phosphorylated at Y52.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PKC delta around the phosphorylation site of Tyr52. AA range:18-67
Conjugates	Unconjugated
Other Names	PRKCD; Protein kinase C delta type; Tyrosine-protein kinase PRKCD; nPKC-delta
Accession No.	Swiss Prot:Q05655GeneID:5580
SDS-PAGE MW	77
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

Background

protein kinase C delta(PRKCD) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.