

Datasheet for ABIN391006  
**anti-PKC delta antibody (N-Term)**



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2 Images

## Overview

Quantity:	400 µL
Target:	PKC delta (PKCd)
Binding Specificity:	AA 298-326, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC delta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PKC delta antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 298-326 amino acids from the N-terminal region of human PKC delta.
Clone:	RB1013
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	PKC delta (PKCd)
Alternative Name:	PKC delta ( <a href="#">PKCd Products</a> )

## Target Details

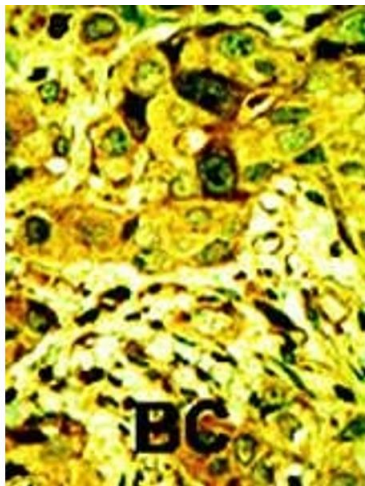
Background:	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. 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 a distinct role in cells. PKC delta is one of the PKC family members, and may play a role in antigen-dependent control of B-cell function.
Molecular Weight:	77505
Gene ID:	5580
NCBI Accession:	<a href="#">NP_006245</a> , <a href="#">NP_997704</a>
UniProt:	<a href="#">Q05655</a>
Pathways:	<a href="#">Interferon-gamma Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">M Phase</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Dicarboxylic Acid Transport</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> , <a href="#">Lipid Metabolism</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

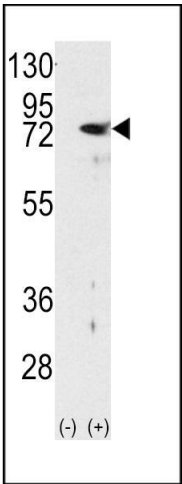
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



**Western Blotting**

**Image 2.** Western blot analysis of PKC delta (arrow) using rabbit polyclonal PKC delta Antibody (N-term) (ABIN391006 and ABIN2841179). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the PRKCD gene (Lane 2) (Origene Technologies).