

Datasheet for ABIN7139036  
**anti-PKC delta antibody (pTyr64)**



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## Overview

Quantity:	100 µL
Target:	PKC delta (PKCd)
Binding Specificity:	pTyr64
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC delta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Peptide sequence around phosphorylation site of Tyrosine 64 (H-I-Y(p)-E-G) derived from Human PKCD.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

## Target Details

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

## Target Details

Background:	<p>Background:</p> <p>Calcium-independent, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase that plays contrasting roles in cell death and cell survival by functioning as a pro-apoptotic protein during DNA damage-induced apoptosis, but acting as an anti-apoptotic protein during cytokine receptor-initiated cell death, is involved in tumor suppression as well as survival of several cancers, is required for oxygen radical production by NADPH oxidase and acts as positive or negative regulator in platelet functional responses.</p> <p>Wie SM, et al. (2014)J Biol Chem. Adwan TS, et al. (2011)J Biol Chem 286, 35716-24.</p> <p>Lomonaco SL, et al. (2008) J Biol Chem 283, 17731-9.</p> <p>Aliases: CVID9 antibody, D14Ert420e antibody, Kinase PKC delta antibody, KPCD antibody, KPCD_HUMAN antibody, MAY 1 antibody, MAY1 antibody, MGC49908 antibody, nPKC delta antibody, nPKC-delta antibody, PCKd antibody, PKC d antibody, PKC delta antibody, PKCD antibody, PKCdelta antibody, PRKC D antibody, PRKC delta antibody, Prkcd antibody, Protein Kinase C delta antibody, Protein kinase C delta type antibody, Protein kinase C delta VIII antibody, Protein Kinase Cdelta antibody, Tyrosine protein kinase PRKCD antibody</p>
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UniProt:	<a href="#">Q05655</a>
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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>
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## Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images

