# antibodies -online.com







**Images** 



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Quantity:	100 μL	
Target:	PKC delta (PKCd)	
Binding Specificity:	AA 477-676	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PKC delta antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 477-676 of human PKC delta (NP_997704.1).	
Sequence:	DNVLLDRDGH IKIADFGMCK ENIFGESRAS TFCGTPDYIA PEILQGLKYT FSVDWWSFGV LLYEMLIGQS PFHGDDEDEL FESIRVDTPH YPRWITKESK DILEKLFERE PTKRLGVTGN IKIHPFFKTI NWTLLEKRRL EPPFRPKVKS PRDYSNFDQE FLNEKARLSY SDKNLIDSMD QSAFAGFSFV NPKFEHLLED	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	

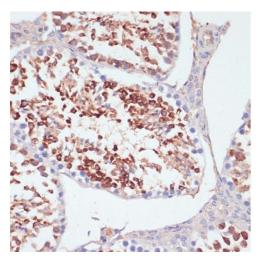
### **Target Details**

Target:	PKC delta (PKCd)	
Alternative Name:	PRKCD (PKCd Products)	
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.,PRKCD,ALPS3,CVID9,MAY1,PKCD,nPKC-delta,PKC&,Cancer,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Kinase,Serine/threonine kinases,Phospholipase Signaling Pathway,Protein Kinase C Signaling Pathway,ErbB-HER Signaling Pathway,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Mitochondrial Control of Apoptosis,Inhibition of Apoptosis,TGF-b-Smad	
	Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling  Pathway,Neuroscience,PRKCD	
Molecular Weight:	77 kDa/80 kDa	
Gene ID:	5580	
UniProt:	Q05655	
Pathways:	Interferon-gamma Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, Regulation of Actin Filament Polymerization, Carbohydrate Homeostasis, Myometrial Relaxation and Contraction, M Phase, G-protein mediated Events, Dicarboxylic Acid Transport, Positive Regulation of Response to DNA Damage Stimulus, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling, Lipid Metabolism	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100	
Comment:	HIGH QUALITY	
Restrictions: For Research Use only		

### Handling

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
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:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	

Validation report #104300 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



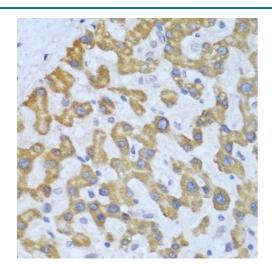
## 130KD-100KD-100KD-70KD-55KD-

### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded mouse testis using PKCδ antibody (ABIN6128464, ABIN6146203, ABIN6146204 and ABIN6213859) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

#### **Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines, using PRKCD antibody.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded human liver cancer using PRKCD antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN6146203.