# antibodies -online.com









# Overview

Target:

Quantity:	100 μL
Target:	PRKD3
Binding Specificity:	pSer41
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	
Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PRKD3 around the phosphorylation site of Ser41 [RL(p-S)NG]
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

PRKD3

## **Target Details**

Preservative:

Precaution of Use:

ProClin

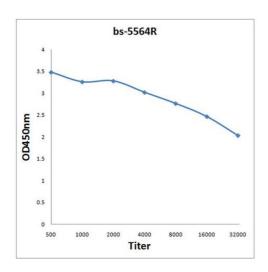
Alternative Name:	PRKD3 (PRKD3 Products)
Background:	Synonyms: PRKD3phospho S41, PKD/PKC_Phospho-Ser41, EPK 2, EPK2, EPK-2, nPKC nu,
	nPKCnu, nu, PKCnu, PKD 3, PKD3, PRK D3, PRKCN, PRKD 3, PRKD3, Protein kinase C, Protein
	kinase C nu, Protein kinase C nu type, Protein kinase D3, Protein kinase EPK 2, Protein kinase
	EPK2, Serine threonine protein kinase, Serine/threonine protein kinase D3.
	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 a distinct role. The protein encoded by this gene is one
	of the PKC family members. This kinase can be activated rapidly by the agonists of G protein
	coupled receptors. It resides in both cytoplasm and nucleus, and its nuclear accumulation is
	found to be dramatically enhanced in response to its activation. This kinase can also be
	activated after B cell antigen receptor (BCR) engagement, which requires intact phopholipase C
	gamma and the involvement of other PKC family members.
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

### Handling

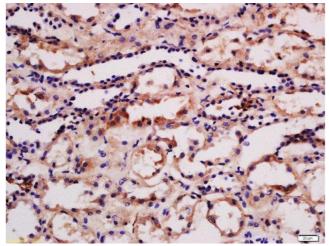
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

#### **Images**



#### **ELISA**

**Image 1.** Antigen: 0.2  $\mu$ g/100  $\mu$ L Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Formalin-fixed and paraffin embedded human kidney labeled with Rabbit Anti-phospho-PRKD3(Ser41) Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining