

Datasheet for ABIN711433

anti-PRKD3 antibody (pSer41) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PRKD3
Binding Specificity:	pSer41
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKD3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (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.

Target Details

Target:	PRKD3
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Target Details

Alternative Name:	PRKD3 (PRKD3 Products)
Background:	<p>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.</p> <p>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 phospholipase C gamma and the involvement of other PKC family members.</p>

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months