

PKN3 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A19952	Rabbit	1 mg/ml	
Applications	WB,ELISA		
Reactivity	Human,Mouse		
Dilution	WB 1:500-2000 ELISA 1:5000-20000		
Storage	-20°C/1 year		
Specificity	PKN3 Polyclonal Antibody detects endogenous levels of protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthesized peptide derived from part region of human protein		
Uniprot No	Q6P5Z2		
Alternative names			
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The C1 domain does not bind the diacylglycerol (DAG).,enzyme regulation:Two specific sites, Thr-718 (activation loop of the kinase domain) and Thr-860 (turn motif), need to be phosphorylated for its full activation.,function:Contributes to invasiveness in malignant prostate cancer.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 3 REM (Hr1) repeats.,subcellular location:Nuclear and perinuclear Golgi region.,tissue specificity:Expressed in prostate tumors and various cancer cell lines. Not expressed in adult tissues.,</p>		
Other	PKN3 PKNBETA, Serine/threonine-protein kinase N3 (EC 2.7.11.13) (Protein kinase PKN-beta) (Protein-kinase C-related kinase 3)		

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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