PKN3 Polyclonal Antibody

Catalog No	YP-Ab-06746
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	PKN3 PKNBETA
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PKN3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.7.11.13;PKNBETA;protein kinase N3;Protein kinase PKN beta;Protein kinase PKN-beta;PKN3;PKN3 PKNBETA;Serine/threonine-protein kinase N3 (EC 2.7.11.13) (Protein kinase PKN-beta) (Protein-kinase C-related kinase 3)
Observed Band	99 kDa
Calculated Molecular Weight	889 aa, 99 kDa
Cell Pathway	Nucleus . Cytoplasm, perinuclear region . Nuclear and perinuclear Golgi region.
Tissue Specificity	Expressed in prostate tumors and various cancer cell lines. Not expressed in adult tissues.
Function	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.,
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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images