

PKN3 Rabbit pAb

CatalogNo: YN1880

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 97kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

PKN3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

PKN3 PKNBETA

Protein Name	Serine/threonine-protein kinase N3 (Protein kinase PKN-beta) (Protein-kinase C-related kinase 3)		
	Organism	Gene ID	UniProt ID
	Human	29941;	Q6P5Z2;
	Mouse		Q8K045;
Cellular Localization	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.,		

| Validation Data

| Contact information

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