

## 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

<b>Protein Name</b>	Serine/threonine-protein kinase N3 (Protein kinase PKN-beta) (Protein-kinase C-related kinase 3)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">29941;</a>	<a href="#">Q6P5Z2;</a>
	Mouse		<a href="#">Q8K045;</a>
<b>Cellular Localization</b>	Nucleus . Cytoplasm, perinuclear region . Nuclear and perinuclear Golgi region.		
<b>Tissue specificity</b>	Expressed in prostate tumors and various cancer cell lines. Not expressed in adult tissues.		
<b>Function</b>	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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**PKN3 Rabbit pAb**

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