

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, 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

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
PKN3 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)