

PKN3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13131
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase N3
Synonyms	Serine/threonine-protein kinase N3 ;EC 2.7.11.13;Protein kinase PKN-beta;Protein-kinase C-related kinase 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,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.,Contributes to invasiveness in malignant prostate cancer.,PTM:Autophosphorylated.,Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily.,Contains 1 AGC-kinase C-terminal domain.,Contains 1 protein kinase domain.,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.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year