

## anti- PKN2 antibody

### Product Information

Catalog No.:	FNab06498
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

PKC-related serine/threonine-protein kinase and Rho/Rac effector protein that participates in specific signal transduction responses in the cell. Plays a role in the regulation of cell cycle progression, actin cytoskeleton assembly, cell migration, cell adhesion, tumor cell invasion and transcription activation signaling processes. Phosphorylates CTTN in hyaluronan-induced astrocytes and hence decreases CTTN ability to associate with filamentous actin. Phosphorylates HDAC5, therefore lead to impair HDAC5 import. Direct RhoA target required for the regulation of the maturation of primordial junctions into apical junction formation in bronchial epithelial cells. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Stimulates FYN kinase activity that is required for establishment of skin cell-cell adhesion during keratinocytes differentiation. Regulates epithelial bladder cells speed and direction of movement during cell migration and tumor cell invasion. Inhibits Akt pro-survival-induced kinase activity. Mediates Rho protein-induced transcriptional activation via the c-fos serum response factor (SRF). Phosphorylates HCV NS5B leading to stimulation of HCV RNA replication.

### Immunogen information

Immunogen:	protein kinase N2
Synonyms:	PRK2, PRKCL2

### Wuhan Fine Biotech Co., Ltd.

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Observed MW: 130 kDa

UniprotID : Q16513

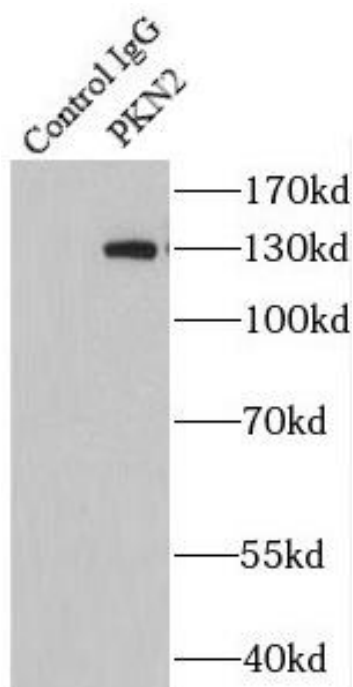
### Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF, IP, FC

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IF: 1:20-1:200

Image:



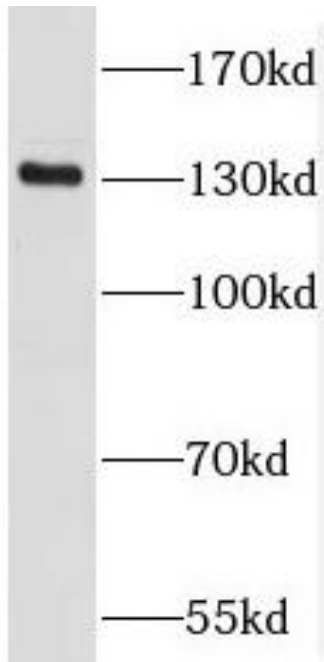
IP Result of anti-PKN2 (IP:FNab06498, 3ug;  
Detection:FNab06498 1:1000) with COLO 320  
cells lysate 2500ug.

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A2780 cells were subjected to SDS PAGE followed by western blot with FNab06498(PKN2 antibody) at dilution of 1:500