

# PKN1 Rabbit Polyclonal Antibody



CAB0553

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

120kDa

### Calculated MW:

104kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50  
- 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of small G proteins and may mediate the Rho-dependent signaling pathway. This kinase can be activated by phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, which may mediate insulin signals to the actin cytoskeleton. The proteolytic activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed.

## Immunogen information

### Gene ID:

5585

### Uniprot

Q16512

### Synonyms:

PKN1; DBK; PAK-1; PAK1; PKN; PKN-ALPHA; PRK1; PRKCL1

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PKN1 (NP\_002732.3).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

