

PKN1

Reactivity:Human Mouse Rat

Tested applications:WB IHC

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

Calculated MW:104kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human PKN1

Storage Buffer:

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

Synonym:

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

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.

To place an order, please [Click HERE](#).

Catalog #:A0553

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5585

Isotype:IgG

Swiss Prot:Q9UN73

Purity:Affinity purification

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