

Recombinant

DGRmAb®

## PKN1 (DGR12306) Rabbit mAb

db15783

Package : 10µL 20µL 50µL 100µL

**Product Name** : PKN1 (DGR12306) Rabbit mAb**Cat.No.:** db15783**Synonyms** : DBK; PKN; PAK1; PRK1; PAK-1; PRKCL1; PKN-ALPHA**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human PKN1

**Gene ID**

5585

**Swiss Prot**

Q16512

**Synonyms**

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

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IP

**Recommended dilution**WB: 1:1000  
IP: 1:20-1:50**Calculated MW**

104 kDa

**Observed MW**

120 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12306

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.