

Recombinant

DGRmAb®

**PKN1 (DGR12306) Rabbit mAb (PBS Only)**

db15783-PBS

Package : 100µg

**Product Name** : PKN1 (DGR12306) Rabbit mAb (PBS Only)**Cat.No.:** db15783-PBS**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

**Calculated MW**

104 kDa

**Observed MW**

120 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12306

**Isotype**

IgG

**Purity**

Affinity Purification

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<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.