

bsm-60509R

[Primary Antibody]

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400-901-9800

PKN1 Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit

Isotype: IgG/Kappa

Clonality: Recombinant

CloneNo.: F3A4

Target: PKN1

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 (PDK1/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]

Applications: WB (1:500-1:1000)

Reactivity: (predicted: Human, Mouse)

Subcellular Location: Cell membrane ,Cytoplasm

Location: ,Nucleus