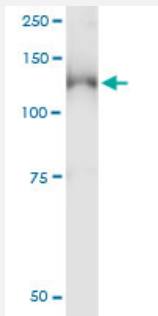


PKN1 (Human) IP-WB Antibody Pair

Catalog # H00005585-PW2

Size 1 Set

Applications



Immunoprecipitation of PKN1 transfected lysate using mouse monoclonal anti-PKN1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse monoclonal anti-PKN1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PKN1 transfected lysate using mouse monoclonal anti-PKN1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse monoclonal anti-PKN1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-PKN1 (300 ug) 2. Antibody pair for WB: mouse monoclonal anti-PKN1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PKN1

Entrez GeneID [5585](#)**Gene Name** PKN1**Gene Alias** DBK, MGC46204, PAK1, PKN, PKN-ALPHA, PRK1, PRKCL1**Gene Description** protein kinase N1**Omim ID** [601032](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

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]

Other Designations protein kinase C-like 1|protein kinase C-like PKN|protein kinase C-related kinase 1|serine-threonine kinase N|serine/threonine protein kinase N

Disease

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