

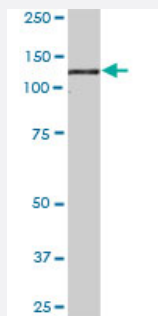
MaxPab®

PKN1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005585-B01P

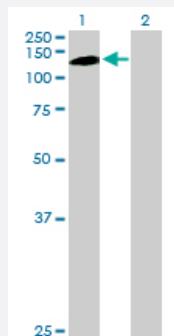
Size 50 ug

Applications



Western Blot (Tissue lysate)

PKN1 MaxPab polyclonal antibody. Western Blot analysis of PKN1 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of PKN1 expression in transfected 293T cell line ([H00005585-T01](#)) by PKN1 MaxPab polyclonal antibody.

Lane 1: PKN1 transfected lysate(103.62 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PKN1 protein.

Immunogen

PKN1 (AAH40061.1, 1 a.a. ~ 942 a.a) full-length human protein.

Sequence

MASDAVQSEPRSWSLLEQLGLAGADLAAPGVQQQLELERERLRREIRKELKLKEGAENLRRATT
DLGRSLGPVELLLRGSSRRLDLLHQQLQELHAHVLPDPAATHDGPQSPGAGGPTCSATNLSRV
AGLEKQLAIELKVKQGAENMIQTYSTNGSTKDRKLLLTAAQMLQDSKTKIDIIRMQLRRALQAGQLEN
QAAPDDTQGSPDLGAVELRIEELRHHFRVEHAVAEGAKNVLRLLSAAKAPDRKAVSEAEKLTE
SNQKLGLLREALERRLGELPADHPKGRLLREELAAASSAAFSTRLAGPFPATHYSTLCKPAPLTG
TLEVRVVGCRDLPETIPWNPTPSMGGPGTDSRPPFLSRPARGLYSRSGSLSGRSSLKAEAEANT
SEVSTVLKLDNTVVGQTSWKPCGPNAWDQSFTLELERARELELAVFWRDQRGLCALFKLKLED
FLDNERHEVQLDMEPQGCLVAEVTFRNPVIERIPRLRRQKKIFSKQQGKAFQRRQMNDVATWV
RLLRRLIPNATGTGTFSPGASPGSEARTTGDISVEKLNLTGSDSSPQKSSRDPPSSPSSLSSPIQ
ESTAPELPSETQETPGPALCSPLRKSPLTLEDKFLAVLGRGHFGKVLLSEFRPSGELFAIKALKK
GDIVARDEVESLMCEKRILAAVTSAGHPFLVNLFGCFQTEHVCFVMEYSAGGDLMLHIHSDVFS
EPRAIFYSACVVLGLQLFHEHKIVYRDLKLDNLLLDTEGYVKIADFGLCKEGMGYGDRTSTFCGTP
EFLAPEVLTDTSYTRAVDWWGLGVLLYEMLVGESPFPGDDEEEVFDSVNDENVRYPRFLSAEIG
IMRLLRRNPERRLGSSERDAEDVKKQPFRTLGWEALLARLPPPFVPTLSGRDISNFDEEFT
GEAPTLSPPRDARPLTAAEQAAFLDFDFVAGGC

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — PKN1

Entrez GeneID

[5585](#)

GeneBank Accession#

[BC040061.1](#)

Protein Accession#	AAH40061.1
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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