

Datasheet

PKN1 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00005585-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit 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:

MASDAVQSEPRSWSLLEQLGLAGADLAAPGVQQQLE
LERERLRREIRKELKLKEGAENLRRATTDLGRSLGPVE
LLLRGSSRRLLDLHQQLQELHAHVVLDPDAATHDGPQ
SPGAGGPTCSATNLSRVAGLEKQLAIELKVKQGAENMI
QTYSNKGSTKDRKLLTAQQMLQDSKTIDIIIRMQLRRA
LQAGQLENQAAPDDTQGGSPDLGAVELRIEELRHFRV
EHAVAEGAKNVLRLLSAAKAPDRKAVSEAQEKLTESN
QKLGLLREALERRLGELPADHPKGRLLREELAAASSAA
FSTRLAGFPFATHYSTLCKPAPLTGTLEVRVVGCRDLP
ETIPWNPTPSMGGPGTDPDRPPFLSRPARGLYSRSGS
LSGRSSLKAEAEENTSEVSTVLKLDNTVVGQTSWKPCG
PNAWDQSFTLELERARELELAVFWRDQRGLCALFKFLK
LEDFLDNERHEVQLDMEPQGCLVAEVTFRNPVIERIPR
LRRQKKIFSKQGGKAFQRRARQMNIDVATWVRLRLRIP
NATGTGTFSPGASPGSEARTTGDISVEKLNLTGSDSDS
SPQKSSRDPPSSPSSLSPIQESTAPELPSETQETPGP
ALCSPLRKSPLTLEDFKFLAVLGRGHFGKVLSEFRPS
GELFAIKALKKGDIVARDEVESLMCEKRILAAVTSAGHP
FLVNLFGCFQTPEHVCVMEYSAGGDLMLHIHSDVFS
EPRAIFYSACVVLGLQLHEHKIVYRDLKLDNLLDTEG
YVKIADFGLCKEGMGYGDRTSTFCGTPEFLAPEVLTD
TSYTRAVDWWGLGVLLYEMLVGESPFPGDDEEEVFD
SIVNDEVRYPRFLSAEAGIMRRLRRNPERRLGSSER
DAEDVKKQPFRTLGWEALLARRLPPPFVPTLSGRTDI
SNFDEEFTGEAPTLSPPRDARPLTAAEQAAFLDFDFVA
GGC

Host: Rabbit

Reactivity: Human, Mouse

Applications: IP, WB-Ce, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

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

Entrez GeneID: 5585

Gene Symbol: PKN1

Gene Alias: DBK, MGC46204, PAK1, PKN, PKN-ALPHA, PRK1, PRKCL1

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]