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Datasheet

PRKCH purified MaxPab mouse polyclonal antibody (B02P)

Catalog Number: H00005583-B02P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human PRKCH protein.

Immunogen: PRKCH (NP_006246.2, 1 a.a. ~ 683 a.a) full-length human protein.

Sequence:
MSSGTMKFNGYLRVRIGEAVGLQPTRWSLRHSLFKK
GHQLLDPYLTVSVDQVRVGQTSTKQKTNKPTYNEEFC
ANVTDGGHLELAVFHETPLGYDHFVANCTLQFQELLR
TTGASDTFEGWVDLEPEGKVFVVITLTGSFTEATLQRD
RIFKHFTRKRQRAMRRRVHQINGHKFMATYLRQPTYC
SHCREFIWGVFGKQGYQCQVCTCVVHKRCHHLIVTAC
TCQNNINKVDSKIAEQRFGINIPHKFSIHNYKVPTFCDH
CGSLLWGIMRQGLQCKICKMNVHIRCQANVAPNCGV
NAVELAKTLAGMGLQPGNISPTSKLVSRSTLRRQGKE
SSKEGNGIGVNSSNRLGIDNFEFIRVLGKGSFGKVMLA
RVKETGDLYAVKVLKKDVILQDDDVECTMTEKRILSLA
RNHPFLTQLFCCFQTPDRLFFVMEFVNGGDLMFHIQK
SRRFDEARARFYAAEIISALMFLHDKGIIYRDLKLDNVLL
DHEGHCKLADFGMCKEGICNGVTTATFCGTPDYIAPEI
LQEMLYGPAVDWWAMGVLLYEMLCGHAPFEAENED
DLFEAILNDEVVYPTWLHEDATGILKSFMTKNPTMRLG
SLTQGGEHAILRHPFFKEIDWAQLNHRQIEPPFRPRIK
SREDVSNFDPDFIKEEPVLTPIDEGHLPMINQDEFRNF
SYVSPELQP

Host: Mouse

Reactivity: Human

Applications: 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: In 1x PBS, pH 7.4

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

Entrez GeneID: 5583

Gene Symbol: PRKCH

Gene Alias: MGC26269, MGC5363, PKC-L, PKCL, PRKCL, nPKC-eta

Gene Summary: Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipids-dependent protein kinase. It is predominantly expressed in epithelial tissues and has been shown to reside specifically in the cell nucleus. This protein kinase can regulate keratinocyte differentiation by activating the MAP kinase MAPK13 (p38delta)-activated protein kinase cascade that targets CCAAT/enhancer-binding protein alpha (CEBPA). It is also found to mediate the transcription activation of the transglutaminase 1 (TGM1) gene. [provided by RefSeq]