9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

DGKG MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00001608-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human DGKG protein.

Immunogen: DGKG (NP_001074213.1, 1 a.a. ~ 766 a.a) full-length human protein.

Sequence:
MGEERWVSLTPEEFDQLQKYSEYSSKKIKDALTEFNE
GGSLKQYDPHEPISYDVFKLFMRAYLEVDLPQPLSTHL
FLAFSQKPRHETSDHPTEGASNSEANSADTNIQNADN
ATKADEACAPDTESNMAEKQAPAEDQVAATPLEPPVP
RSSSSESPVVYLKDVVCYLSLLETGRPQDKLEFMFRL
YDSDENGLLDQAEMDCIVNQMLHIAQYLEWDPTELRPI
LKEMLQGMDYDRDGFVSLQEWVHGGMTTIPLLVLLG
MDDSGSKGDGRHAWTMKHFKKPTYCNFCHIMLMGV
RKQGLCCTYCKYTVHERCVSRNIPGCVKTYSKAKRSG
EVMQHAWVEGNSSVKCDRCHKSIKCYQSVTARHCV
WCRMTFHRKCELSTLCDGGELRDHILLPTSICPITRDR
PGEKSDGCVSAKGELVMQYKIIPTPGTHPLLVLVNPKS
GGRQGERLNFFRDTPDFRVLACGGDGTVGWILDCIDK
ANFAKHPPVAVLPLGTGNDLARCLRWGGGYEGGSLT
KILKDIEQSPLVMLDRWHLEVIPREEVENGDQVPYSIM
NNYFSIGVDASIAHRFHVMREKHPEKFNSRMKNKLWY
FEFGTSETFAATCKKLHDHIELECDGVGVDLSNIFLEGI
AILNIPSMYGGTNLWGENKKNRAVIRESRKGVTDPKEL
KFCVQDLSDQLLEVVGLEGAMEMGQIYTGLKSAGRRL
AQCASVTIRTNKLLPMQVDGEPWMQPCCTIKITHKNQ
APMMMGPPQKSSFFSLRRKSRSKD

Host: Rabbit

Reactivity: Human

Applications: IP, 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: 1608

Gene Symbol: DGKG

Gene Alias: DAGK3, DGK-GAMMA, MGC104993, MGC133330

Gene Summary: This gene encodes an enzyme that is a member of the type I subfamily of diacylglycerol kinases, which are involved in lipid metabolism. These enzymes generate phosphatidic acid by catalyzing the phosphorylation of diacylglycerol, a fundamental lipid second messenger that activates numerous proteins, including protein kinase C isoforms, Ras guanyl nucleotide-releasing proteins and some transient receptor potential channels. Diacylglycerol kinase gamma has been implicated in cell cycle regulation and in the negative regulation of macrophage differentiation in leukemia cells. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]