

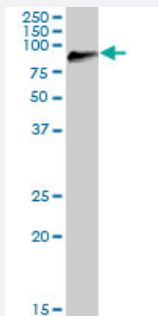
MaxPab®

DGKG MaxPab mouse polyclonal antibody (B01)

Catalog # H00001608-B01

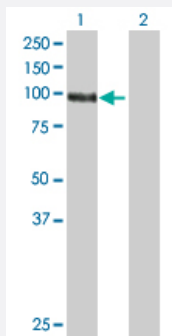
Size 50 uL

Applications



Western Blot (Tissue lysate)

DGKG MaxPab polyclonal antibody. Western Blot analysis of DGKG expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of DGKG expression in transfected 293T cell line ([H00001608-T01](#)) by DGKG MaxPab polyclonal antibody.

Lane 1: DGKG transfected lysate(84.26 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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	MGEERWVSLTPEEFDQLQKYSEYSSKKIKDALTEFNEGGSLKQYDPHEPISYDVFKLFMRAYLEV DLPQPLSTHLFLAFSQKPRHETSDHPTEGASNSEANSADTNIQNADNATKADEACAPDTESNMA EKQAPAEDQVAATPLEPPVPRSSSESPPVYLKDVVCYLSLLETGRPQDKLEFMFRLYDSDENG LLDQAEMDCVQNQLHIAQYLEWDPTELRLKEMLQGM DYDRDGFVSLQEWHGGMTTIPLLVL LGMDDSGSKGDGRHAWTMKHFKKPTYCNFCHIMLMGVRKQGLCCTYCKYTVHERCVSRNIPGC VKTYSKAKRSGEVMQHAWEVGNSSVKCDRCHKSICYQSVTARHCVWCRMTFHRKCELSTLC DGGELRDHILLPTSICPITRDRPGEKSDGCVSAKELVMQYKIIPGTHPLLVLNPKSGGRQGER LNFFRDTPDFRVLACGGDGTVGWILDCIDKANFAKHPPVAVLPLGTGNDLARCLRWGGGYEGGS LTKILKDIEQSPLVMLDRWHLEVIPREEVENDQVPYSIMNNYFSIGVDASIAHRFHMREKHPEKF NSRMKNKLWYFEFGTSETFAATCKKLHDHIELECDGVGVDLNIFLEGAILNIPSMYGGTNLWGEN KKNRAVIRESRKGVTDPKELKFCVQDLSQQLLEVVGLEGAMEMGQITGLKSAGRRLAQCASVTI RTNKLLPMQVDGEPWMQPCCTIKITHKNQAPMMMGPPQKSSFFSLRRKSRSKD
Host	Mouse
Reactivity	Human, Rat
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

DGKG MaxPab polyclonal antibody. Western Blot analysis of DGKG expression in rat brain.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DGKG expression in transfected 293T cell line ([H00001608-T01](#)) by DGKG MaxPab polyclonal antibody.

Lane 1: DGKG transfected lysate(84.26 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — DGKG

Entrez GeneID [1608](#)

GeneBank Accession# [BC089411](#)

Protein Accession#	NP_001074213.1
Gene Name	DGKG
Gene Alias	DAGK3, DGK-GAMMA, MGC104993, MGC133330
Gene Description	diacylglycerol kinase, gamma 90kDa
Omim ID	601854
Gene Ontology	Hyperlink
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]
Other Designations	DAG kinase gamma diacylglycerol kinase gamma diacylglycerol kinase gamma diglyceride kinase gamma

Pathway

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- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

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