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Produktinformation



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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DGKG purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001608-D01P

規格 : [100 ug]

[List All](#)

Specification

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:
MGEERWVSLTPEEFDQLQKYSEYSSKKIKDALTEFNEGGSLKQYDPHEP
ISYDVKLFMRAYLEVDPQPLSTHLFLAFSQKPRHETSDHPTEGASNSE
ANSADTNIQNADNATKADEACAPDTESNMAEKQAPAEDQVAATPLEPPV
PRSSSESPVVYLKDVVCYL.SLLETGRPQDKLEFMFRLYDSDENGLLDQ
AEMDCIVNQLHIAQYLEWDPTELRPILKEMLQGMDYDRDGFVSLQEWV
HGGMTTIPLLVLLGMDDSGSKGDGRHAWTMKHFKKPTYCNFCHIMLMG
VRKQGLCCTYCKYTVHERCVSRNIPGCVKTYSAKRSGEVMQHAWVEG
NSSVKCDRCHKSIKCYQSVTARHCWCRMTFHRKCELSTLCDGGELRD
HILLPTSICPITRDRPGEKSDGCVSAKGELVMQYKIIPGTHPLLVLVNP
SGGRQGERLNFRRDTPDFRVLACGGDGTGVWILDCIDKANFAKHPPVA
VLPLGTGNDLARCLRWGGGYEGGSLTKILKDIEQSPLVMLDRWHLEVIP
REEVENDQVPYSIMNNYFSIGVDASIAHRFHVMREKHPEKFNSRMKNKL
WYFEFGTSETFAATCKKLHDHIELECDGVGVDLSNIFLEGIAILNIPSMYG
GTNLWGENKKNRAVIRESRKGVTDPKELKFCVQDLSDQLLEVVGLEGA
MEMGQYITGLKSAGRRLAQCASVTIRTNKLPMQVDGEPWMPQCCTIKI
THKNQAPMMMGPQKSSFFSLRRKSRSKD

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

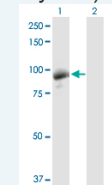
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

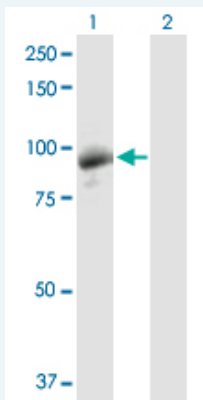
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of DGKG expression in transfected 293T cell line ([H00001608-T02](#)) by DGKG MaxPab polyclonal antibody.

Lane 1: DGKG transfected lysate(86.30 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

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

Gene Pathway

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

Related Disease

[Asthma](#) [Diabetes Mellitus, Type 2](#) [Genetic Predisposition to Disease](#)
[Kidney Failure, Chronic](#) [Obesity](#) [Tobacco Use Disorder](#)

