



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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

### SZABO-SCANDIC HandelsgmbH

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**DGKA purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00001606-B01P

規格 : [ 50 ug ]

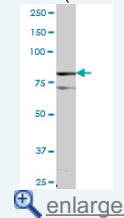
[List All](#)

**Specification**

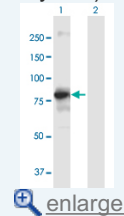
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human DGKA protein.
<b>Immunogen:</b>	DGKA (NP_001336.2, 1 a.a. ~ 735 a.a) full-length human protein.
<b>Sequence:</b>	MAKERGLISPSDFAQLQKYMESTKKVSDVLKLFEDGEMAKYVQGDAIG YEGFQQFLKIYLEVDNVPRLSLALFQSFETGHCLNETNVTKDWVCLNDV SCYFSLLEGGRPEDKLEFTFKLYDTRNGILDSSEVDKILQMMRVAEYL DWDVSELRPILQEMMKEIDYDGSQAEWVRAGATTVPLLVLLGLEM TLKDDGQHMWRPKRFRPVYCNLCESSIGLGKQGLSCNLCKYTVHDQC AMKALPCEVSTYAKSRKDIGVQSHVWRGGCESGRCDRCQKKIRIYHSL TGLHCVWCHLEIHDDCLQAVGHECDCGLLRDHLPPSSIYPSVLASGPDR KNSKT SQKTMDLNLSTSEALRIDPVPNTHPLLVFVNPKSGGKQGQRVL WKFYILNPRQVFNLLKDGPEIGLRLFKDVPDSRILVCGGDGTGVWILETI DKANLPVLPVAVLPLGTGNDLARCLRWGGYEGQNLAKILKDLMSKV VHMDRWSVEVIPQQTEEKSDPVFQIINNYFSIGVDASIAHRFHIMREKYPE KFNSRMKNKLWYFEFATSESIFSTCKKLEESLTVICGKPLDLSNLSLEGI AVLNIPSMHGGSNLWGDTRRPHGDIYGINQALGATAKVITDPDILKTCVPD LSDKRLEVGLGAEIMGQIYTKLKNAGRRLAKCSEITFHTTKTLPMQIDG EPWMQTPCTIKITHKNQMPMLMGPPRSTNFFGFLS
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

**Application Image**

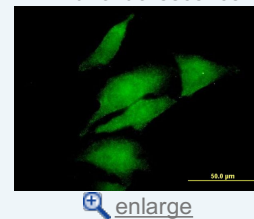
Western Blot (Tissue lysate)



Western Blot (Transfected lysate)



Immunofluorescence

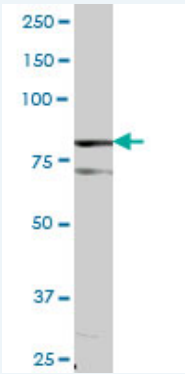


**Publication Reference**

- [Diacylglycerol kinase-ζ regulates mTORC1 and lipogenic metabolism in cancer cells through SREBP-1.](#)  
Torres-Ayuso P, Tello-Lafoz M, Merida I, Avila-Flores A. *Oncogenesis*. 2015 Aug 24;4:e164.
- [Identification of candidate genes encoding an LDL-C QTL in baboons.](#)  
Karere GM, Glenn JP, Birnbaum S, Rainwater DL, Mahaney MC, Vandenberg JL, Cox LAJ *Lipid Res*. 2013 May 6.
- [Diacylglycerol kinase α regulates the formation and polarisation of mature multivesicular bodies involved in the secretion of Fas ligand-containing exosomes in T lymphocytes.](#)  
Alonso R, Mazzeo C, Rodriguez MC, Marsh M, Fraile-Ramos A, Calvo V, Avila-Flores A, Merida I, Izquierdo M. *Cell Death Differ*. 2011 Jan 21. [Epub ahead of print]

**Applications**

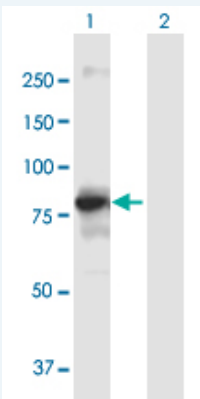
### Western Blot (Tissue lysate)



DGKA MaxPab polyclonal antibody. Western Blot analysis of DGKA expression in human spleen.

 [Protocol Download](#)

### Western Blot (Transfected lysate)

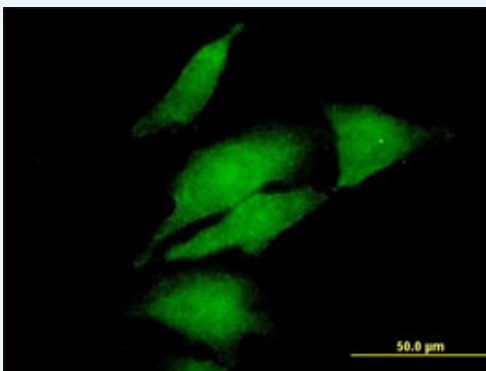



Western Blot analysis of DGKA expression in transfected 293T cell line ([H00001606-T01](#)) by DGKA MaxPab polyclonal antibody.

Lane 1: DGKA transfected lysate(80.85 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to DGKA on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

### Gene Information

Entrez GeneID: [1606](#)

GeneBank [NM\\_001345](#)  
Accession#:

Protein [NP\\_001336.2](#)  
Accession#:

**Gene Name:** DGKA

**Gene Alias:** DAGK,DAGK1,DGK-alpha,MGC12821,MGC42356

**Gene Description:** diacylglycerol kinase, alpha 80kDa

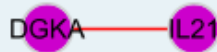
**Omim ID:** [125855](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq]

**Other Designations:** diacylglycerol kinase alpha,diacylglycerol kinase, alpha (80kD)

### Interactome



### Gene Pathway

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

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