

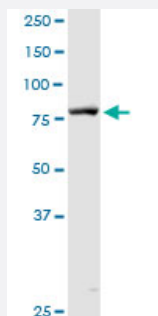
MaxPab®

DGKA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001606-D01P

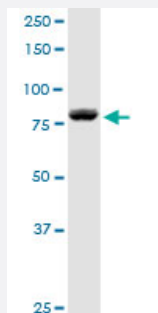
Size 100 ug

Applications



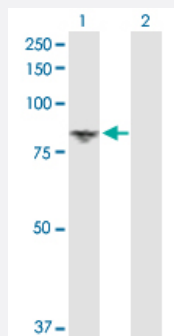
Western Blot (Tissue lysate)

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



Western Blot (Cell lysate)

DGKA MaxPab rabbit polyclonal antibody. Western Blot analysis of DGKA expression in K-562.



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(82.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human DGKA protein.

Immunogen	DGKA (NP_001336.2, 1 a.a. ~ 735 a.a) full-length human protein.
Sequence	MAKERGLISPSDFAQLQKYMEYSTKKVSDVLKLFEDGEMAKYVQGDAIGYEGFQQFLKIMLEVDN VPRHLSLALFQSFETGHCLNETNVT KDVVCLNDVSCYFSLLEGGRPEDKLEFTFKLYDTRNGIL DSSEVDKILQMMRVAEYLDWDVSELRPILQEMMKEIDYDGS GSVSQA EWVRAGATTVP LLVLLG LEMTLKDDGQHMWRPKRFPRPVYC NLCESSIGLGKQGLSCNLCKYTVHDQCAMKALPCEVSTY AKSRKDIGVQSHVWVRGGCESGRCDRCQKKIRIYHSLTGLHCVWCHLEIHDDCLQAVGHECDCG LLRDHILPPSSMPSVLASGPDRKNSKTSQKTMDDLNLSTSEALRIDPVPNTHPLLVFVNP KSGGK QGQ RVLWK FQYILNPRQVFNLLKDGPEIGLRLFKDVPDSRILVCGGDGTVGWILETIDKANLPVLP PVAVLPLGTGNDLARCLRWGGGYEGQNLAKILKDLEMSKVVHMDRWSVEVIPQQTEEKSDPVP FQIINNYFSIGVDASIAHRFHIMREKYPEKFNSRMKNKLWYFEFATSESI FSTCKKLEESLTVEICGKP LDLSNLSLEGIAVLNIPSMHGGSNLWGDTRRPHGDIYGINQALGATAKVITDPDILKTCVPDLSDKRL EVVGLEGA IEMGQYTKLKNAGRRLAKCSEITFHTTKTLPMQIDGEPWMQTPCTIKITHKNQMPMLM GPPPRSTNFFGFLS
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.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

DGKA MaxPab rabbit polyclonal antibody. Western Blot analysis of DGKA expression in K-562.

[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(82.60 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — DGKA

Entrez GeneID [1606](#)

GeneBank Accession# [NM_001345](#)

Protein Accession# [NP_001336.2](#)

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 intra cellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositol 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)

Pathway

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