

DNAXPAb

Hard-to-Find
Antibody

DGKA DNAXPab

Catalog # H00001606-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DGKA DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAKERGLISPSDFAQLQKYMESTKKVSDVLKLFEDGEMAKYVQGDAIGYEGFQQFLKIMLEVDN VPRHLSLALFQSFETGHCLNETNVTKDVVCLNDVSCYFSLLEGGRPEDKLEFTFKLYDTRNGIL DSSEVDKILQMMRVAEYLDWDVSELRPILQEMMKEIDYDGSQSVSQA EWVRAGATTVP LLVLLG LEMTLKDDGQHMWRPKRFPRPVYCNLCESIGLGKQGLSCNLCKYTVDHQQCAMKALPCEVSTY AKSRKDIGVQSHVWVRGGCESGRCDRCQKKIRIYHSLTGLHCVWCHLEIHDDCLQAVGHECDCG LLRDHILPPSSMPSVLASGPDRKNSKTSQKTMDLNLSTSEALRIDPVPNTHPLLVFVNP KSGGK QGQ RVLWK FQYILNPRQVFNLLKDGPEIGLRLFKDVPDSRILVCGGDGTVGWILETIDKANLPVLP PVA VLP LGTGNDLARCLRWGGGYEGQNLAKILKDLEMSKVVHMDRWSVEVIPQQTEEKSDPVP FQIINNYFSIGVDASIAHRFHIMREKYPEKFNSRMKNKLWYFEFATSESIFSTCKKLEESLTVEICGKP LDLSNLSLEGIAVLNIPSMHGGSNLWGDTRRPHGDIYGINQALGATAKVITDPDILKTCVPDLSDKRL EVVGLEGA IEMGQYTKLKNAGRRLAKCSEITFHTTKTLPMQIDGEPWMQTPCTIKITHKNQMPMLM GPPPRSTNFFGFLS
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DGKA

Entrez GeneID [1606](#)

GeneBank Accession# [NM_001345.4](#)

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 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)

Pathway

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