

Rabbit anti-Human DGKA Monoclonal Antibody | anti-DGKA antibody

DGKA Rabbit mAb

CATALOG # AAA282934	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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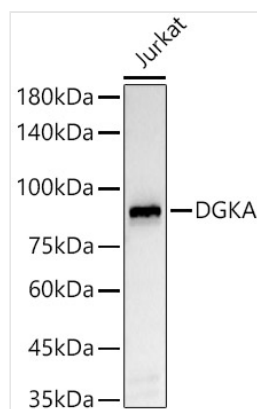
PRODUCT SYNONYMS

DGKA; Monoclonal Antibody; DGKA Rabbit mAb; DAGK; DAGK1; DGK-alpha; anti-DGKA antibody

PRODUCT SPECIFICATIONS

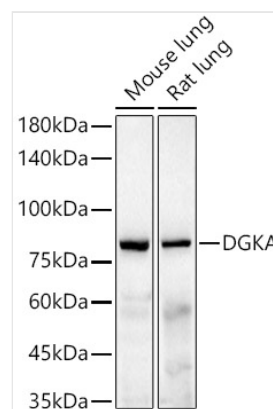
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAKERGLISP SDFAQLQKYM EYSTKKVSDV LKLFEDGEMA KYVQGDAIGY EGFQQFLKIY LEVDNVPRHL SLALFQSFET GHCLNETNVT KDVVCLNDVS CYFSLLEGGR PEDKLEFTFK LYDTRNGIL DSSEVDKIIL QMMRVAEYLD WDVSELRPIL QEMMKEIDYD GSGSVSQA EW VRAGATTVPL LVLLGLEMTL
Applicable Applications for anti-DGKA antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human DGKA (NP_001336.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Jurkat cells, using DGKA Rabbit mAb (AAA282934) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates, using DGKA Rabbit mAb (AAA282934) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKA antibody	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. Several transcript variants encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-DGKA antibody	Cancer; Signal Transduction; Endocrine Metabolism; Lipid Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542504
NCBI GeneID	1606
NCBI Accession #	NP_001336.2
NCBI GenBank Nucleotide #	NM_001345.4
UniProt Accession #	P23743; O75481; O75482; O75483; O95217; Q8IZ56; Q8N5Q2
Molecular Weight	Calculated MW: 83kDa Observed MW: 80kDa
UniProt Protein Name	Diacylglycerol kinase alpha
UniProt Gene Name	DGKA
UniProt Synonym Gene Names	DAGK; DAGK1; DAG kinase alpha; DGK-alpha
UniProt Entry Name	DGKA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/dgka-antibody-western-blot-elisa/282934>