

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

DGKA Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285693	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

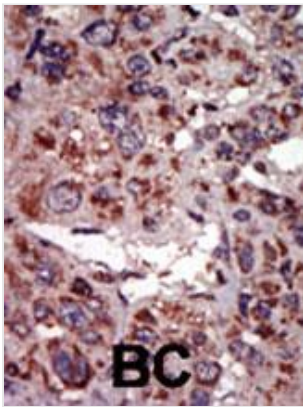
PRODUCT SYNONYMS

DGKA; Polyclonal Antibody; DGKA Antibody (C-term); Diacylglycerol kinase alpha; DAG kinase alpha; 80 kDa diacylglycerol kinase; Diglyceride kinase alpha; DGK-alpha; DAGK; DAGK1; anti-DGKA antibody

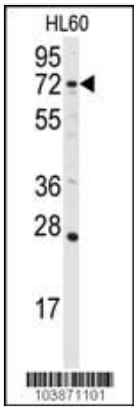
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DGKA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 598-628 amino acids from the C-terminal region of human DGKA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	598-628
Sequence Length	735
Applicable Applications for anti-DGKA antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-DGKA Antibody (C-term) in HL60 cell line lysates (35ug/lane). DGKA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKA antibody	Upon cell stimulation, the kinase DGKA converts the second messenger diacylglycerol into phopphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity. DGKA is stimulated by calcium and phosphatidylserine, and is phosphorylated by protein kinase C. Tissue expression is in lymphocytes and oligodengroglial cells. DGKA contains 2 zinc-dependent phorbol-ester and DAG binding domains, and 2 EF-hand calcium binding domains.
Product Categories/Family for anti-DGKA antibody	Signal Transduction
References	Hart, T.C., et al., Genomics 22(1):246-247 (1994). Hart, T.C., et al., Mamm. Genome 5(2):123-124 (1994). Schaap, D., et al., FEBS Lett. 275 (1-2), 151-158 (1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542504
NCBI GeneID	1606
NCBI Accession #	NP_001336.2; NP_958852.1; NP_958853.1; NP_963848.1
NCBI GenBank Nucleotide #	NM_001345.4
UniProt Accession #	P23743; O75481; O75482; O75483; O95217; Q3ZE25; Q8IZ56; Q8N5Q2
Molecular Weight	82630
NCBI Official Full Name	diacylglycerol kinase alpha
NCBI Official Synonym Full Names	diacylglycerol kinase, alpha 80kDa
NCBI Official Symbol	DGKA
NCBI Official Synonym Symbols	DAGK; DAGK1; DGK-alpha
NCBI Protein Information	diacylglycerol kinase alpha
UniProt Protein Name	Diacylglycerol kinase alpha
UniProt Gene Name	DGKA
UniProt Synonym Gene Names	DAGK; DAGK1; DAG kinase alpha; DGK-alpha

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dgka-antibody-immunohistochemistry-western-blot-elisa/285693>