

Rabbit anti-Human, mouse DGKB Polyclonal Antibody | anti-DGKB antibody

DGKB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286975	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

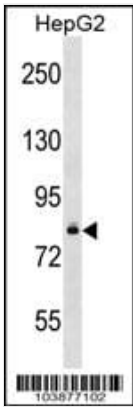
PRODUCT SYNONYMS

DGKB; Polyclonal Antibody; DGKB Antibody (C-term); Diacylglycerol kinase beta; DAG kinase beta; 90 kDa diacylglycerol kinase; Diglyceride kinase beta; DGK-beta; DAGK2; KIAA0718; anti-DGKB antibody

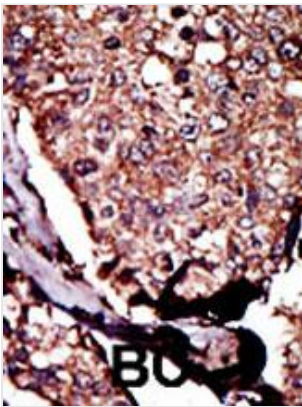
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DGKB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 773-804 amino acids from the C-terminal region of human DGKB.
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	773-804
Sequence Length	804
Applicable Applications for anti-DGKB 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.

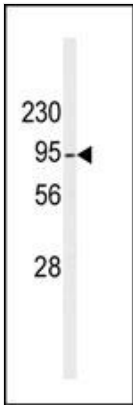
IMAGES



WB (Western Blot)
DGKB Antibody (T787) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the DGKB antibody detected the DGKB protein (arrow).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB 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-hDGKB-T787 Pab in mouse liver tissue lysate. hDGKB-T787 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKB antibody	Diacylglycerol (DAG) is an allosteric activator of protein kinase C. DAG also participates in regulating RAS and RHO family proteins by activating the guanine nucleotide exchange factors VAV and RASGRP1. DAG is also involved in the synthesis of phospholipids and triacylglycerols. Tight regulation of DAG levels is achieved via DAG kinases (DGKs), which remove DAG by phosphorylate it to phosphatidic acid. Several mammalian isozymes of DAGK have been identified
Product Categories/Family for anti-DGKB antibody	Metabolism; Signal Transduction
References	Caricasole, A., et al., J. Biol. Chem. 277(7):4790-4796 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027632
NCBI GeneID	1607
NCBI Accession #	NP_004071.1; NP_663733.1
NCBI GenBank Nucleotide #	NM_004080.2
UniProt Accession #	Q9Y6T7; O75241; Q2M377; Q75MF9; Q75MU7; Q86UI5; Q86UM9; Q9UQ29; A4D116; A4D117; A8MXU2

Molecular Weight	90595
NCBI Official Full Name	diacylglycerol kinase beta isoform 1
NCBI Official Synonym Full Names	diacylglycerol kinase, beta 90kDa
NCBI Official Symbol	DGKB
NCBI Official Synonym Symbols	DGK; DAGK2; DGK-BETA
NCBI Protein Information	diacylglycerol kinase beta
UniProt Protein Name	Diacylglycerol kinase beta
UniProt Gene Name	DGKB
UniProt Synonym Gene Names	DAGK2; KIAA0718; DAG kinase beta; DGK-beta
UniProt Entry Name	DGKB_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://stage.aaabiotech.com/polyclonal/dgkb-antibody-immunohistochemistry-western-blot-elisa/286975>