

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

DGKD Antibody (C-term)

CATALOG # AAA285556	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

DGKD; Polyclonal Antibody; DGKD Antibody (C-term); Diacylglycerol kinase delta; DAG kinase delta; 130 kDa diacylglycerol kinase; Diglyceride kinase delta; DGK-delta; KIAA0145; anti-DGKD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DGKD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1061-1091 amino acids from the C-terminal region of human DGKD.
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 purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1061-1091
Sequence Length	1,170
Applicable Applications for anti-DGKD 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 (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-anti-DGK delta Pab in Jurkat cell line lysates (35ug/lane). DGK delta (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKD antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The AGC kinase group consists of 63 kinases including the cyclic nucleotide-regulated protein kinase (PKA & PKG) family, the diacylglycerol-activated/phospholipid-dependent protein kinase C (PKC) family, the related to PKA and PKC (RAC/Akt) protein kinase family, the kinases that phosphorylate G protein-coupled receptors family (ARK), and the kinases that phosphorylate ribosomal protein S6 family (RSK).
Product Categories/Family for anti-DGKD antibody	Signal Transduction
References	Sakane, F., et al., J. Biol. Chem. 271(14):8394-8401 (1996). Nagase, T., et al., DNA Res. 2(4):167-174 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777596
NCBI GeneID	8527
NCBI Accession #	NP_003639.2; NP_690618.2
NCBI GenBank Nucleotide #	NM_003648.2
UniProt Accession #	Q16760; Q14158; Q6PK55; Q8NG53
Molecular Weight	134525
NCBI Official Full Name	diacylglycerol kinase delta isoform 1
NCBI Official Synonym Full Names	diacylglycerol kinase, delta 130kDa
NCBI Official Symbol	DGKD
NCBI Official Synonym Symbols	dgkd-2; DGKdelta
NCBI Protein Information	diacylglycerol kinase delta
UniProt Protein Name	Diacylglycerol kinase delta
UniProt Gene Name	DGKD
UniProt Synonym Gene Names	KIAA0145; DAG kinase delta; DGK-delta
UniProt Entry Name	DGKD_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/dgkd-antibody-immunohistochemistry-western-blot-elisa/285556>