

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

DGKK Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286365	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

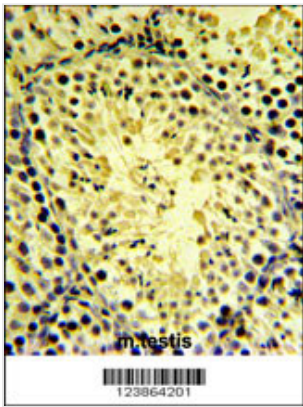
PRODUCT SYNONYMS

DGKK; Polyclonal Antibody; DGKK Antibody (C-term); Diacylglycerol kinase kappa; DAG kinase kappa; 142 kDa diacylglycerol kinase; Diglyceride kinase kappa; DGK-kappa; anti-DGKK antibody

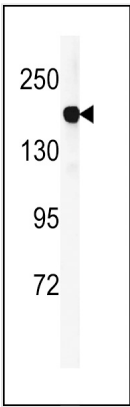
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DGKK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1232-1261 amino acids from the C-terminal region of human DGKK.
Purity/Purification	Peptide Affinity 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.
Sequence Positions	1232-1261
Sequence Length	1271
Applicable Applications for anti-DGKK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA)
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein
Tissue Location	Expressed in testis, and to a lesser extent in placenta.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DGKK Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded mouse testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DGKK Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DGKK Antibody (C-term) in mouse lung tissue lysates (35ug/lane).DGKK (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKK antibody	DGKK phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA).
Product Categories/Family for anti-DGKK antibody	Signal Transduction
References	Imai, S., et al. J. Biol. Chem. 280(48):39870-39881(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62000702
NCBI GeneID	139189
NCBI Accession #	NP_001013764.1
NCBI GenBank Nucleotide #	NM_001013742.3
UniProt Accession #	Q5KSL6; B2RP91
Molecular Weight	141829
NCBI Official Full Name	diacylglycerol kinase kappa
NCBI Official Synonym Full Names	diacylglycerol kinase, kappa
NCBI Official Symbol	DGKK
NCBI Protein Information	diacylglycerol kinase kappa
UniProt Protein Name	Diacylglycerol kinase kappa
UniProt Gene Name	DGKK
UniProt Synonym Gene Names	DAG kinase kappa; DGK-kappa
UniProt Entry Name	DGKK_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.