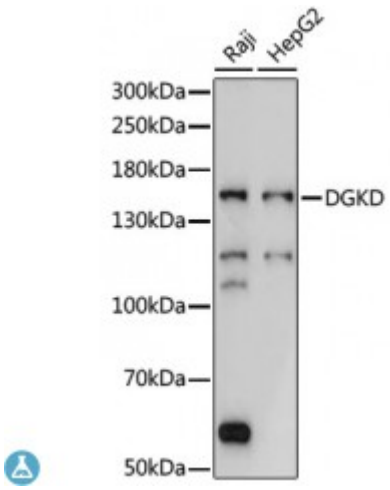
Anti-DGKD Antibody



Description	This gene encodes a cytoplasmic enzyme that phosphorylates diacylglycerol to produce phosphatidic acid. Diacylglycerol and phosphatidic acid are two lipids that act as second messengers in signaling cascades. Their cellular concentrations are regulated by the encoded protein, and so it is thought to play an important role in cellular signal transduction. Alternative splicing results in two transcript variants encoding different isoforms.

Model	STJ117309
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 960-1140 of human DGKD (NP_690618.2).
Gene ID	8527
Gene Symbol	DGKD
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Isoform 2 is ubiquitously expressed also in tumor tissues, Isoform 1 is expressed in ovary, spleen and some tumor-derived cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Diacylglycerol kinase delta DAG kinase delta

Molecular Weight	134.525 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:2851OMIM:601826Reactome:R-HSA-114508
Alternative Names	Diacylglycerol kinase delta DAG kinase delta
Function	May function as signaling molecule,
Cellular Localization	Cytoplasm
Post-translational Modifications	Isoform 1 H domain is phosphorylated,

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