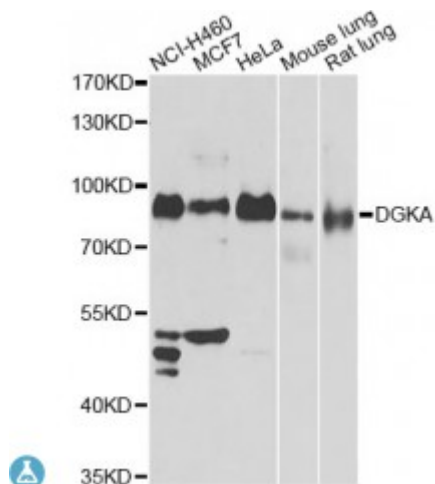


Anti-DGKA Antibody



Description

The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Several transcript variants encoding different isoforms have been identified for this gene.

Model	STJ115904
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human DGKA (NP_958852.1).
Gene ID	1606
Gene Symbol	DGKA
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Tissue Specificity	Lymphocytes and oligodendroglial cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Diacylglycerol kinase alpha DAG kinase alpha

Molecular Weight	82.63 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:2849OMIM:125855Reactome:R-HSA-114508
Alternative Names	Diacylglycerol kinase alpha DAG kinase alpha
Function	Upon cell stimulation converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity

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