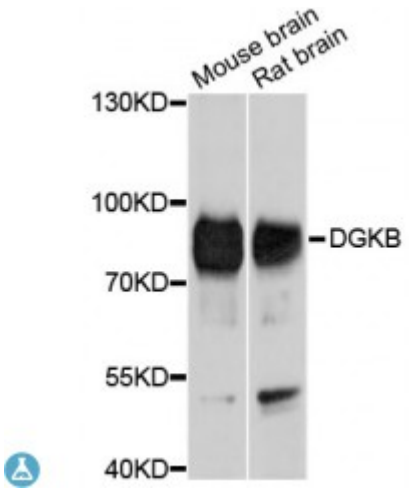
Anti-DGKB Antibody



Description	Diacylglycerol kinases (DGKs) are regulators of the intracellular concentration of the second messenger diacylglycerol (DAG) and thus play a key role in cellular processes. Nine mammalian isotypes have been identified, which are encoded by separate genes. Mammalian DGK isozymes contain a conserved catalytic (kinase) domain and a cysteine-rich domain (CRD). The protein encoded by this gene is a diacylglycerol kinase, beta isotype. Two alternatively spliced transcript variants have been found for this gene.

Model	STJ113674
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 544-773 of human DGKB (NP_663733.1).
Gene ID	1607
Gene Symbol	DGKB
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Diacylglycerol kinase beta DAG kinase beta
Molecular Weight	90.595 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:2850OMIM:604070Reactome:R-HSA-114508
Alternative Names	Diacylglycerol kinase beta DAG kinase beta
Function	Exhibits high phosphorylation activity for long-chain diacylglycerols,
Cellular Localization	Cytoplasm