

Anti-DGK-eta antibody



Description	Rabbit polyclonal to DGK-eta.
Model	STJ92701
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human DGK-eta
Immunogen Region	740-820 aa, Internal
Gene ID	160851
Gene Symbol	DGKH
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	DGK-eta Polyclonal Antibody detects endogenous levels of DGK-eta protein.
Tissue Specificity	Isoform 2 is ubiquitously expressed. Isoform 1 is expressed only in testis, kidney and colon.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Diacylglycerol kinase eta DAG kinase eta Diglyceride kinase eta DGK-eta
Molecular Weight	134.866 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2854OMIM:604071
Alternative Names	Diacylglycerol kinase eta DAG kinase eta Diglyceride kinase eta DGK-eta
Function	Phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA). Plays a key role in promoting cell growth. Activates the Ras/B-Raf/C-Raf/MEK/ERK signaling pathway induced by EGF. Regulates the recruitment of RAF1 and BRAF from cytoplasm to membranes and their heterodimerization.
Cellular Localization	Cytoplasm Cell membrane. Translocated from the cytoplasm to endosomes in response to stress stimuli . Isoform 2 is rapidly relocated back to the cytoplasm upon removal of stress stimuli, whereas isoform 1 exhibits sustained endosomal association . Translocates from the cytoplasm to the cell membrane in the presence of active GTP-bound form of HRAS .
Post-translational Modifications	Phosphorylated; does not inhibit catalytic activity.