Anti-DGK-zeta antibody

Description	Rabbit polyclonal to DGK-zeta.

Model	STJ92700
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human DGK-zeta
Immunogen Region	570-650 aa, Internal
Gene ID	8525
Gene Symbol	DGKZ
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	DGK-zeta Polyclonal Antibody detects endogenous levels of DGK-zeta protein.
Tissue Specificity	Highest levels in brain, and substantial levels in skeletal muscle, heart, and pancreas. Isoform 1 is predominantly expressed in muscle.
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 zeta DAG kinase zeta Diglyceride kinase zeta DGK-zeta
Molecular Weight	124.122 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:2857OMIM:601441
Alternative Names	Diacylglycerol kinase zeta DAG kinase zeta Diglyceride kinase zeta DGK-zeta
Function	Displays a strong preference for 1,2-diacylglycerols over 1,3-diacylglycerols, but lacks substrate specificity among molecular species of long chain diacylglycerols. Isoform 2 but not isoform 1 regulates RASGRP1 activity.
Cellular Localization	Cytoplasm Nucleus Cell membrane
Post-translational Modifications	Phosphorylation of the MARCKS homology domain by PKC reduces nuclear accumulation of DGK-zeta.