

Product name:	DGK-κ Rabbit Polyclonal Antibody
Cat number:	ABN09954
Conjugate:	Unconjugated
Size:	100μL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human DGKK. AA range:1221-1270
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight:	142kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	The protein encoded by this gene is an enzyme that phosphorylates diacylglycerol, converting it to phosphatidic acid. The encoded protein is a membrane protein and is inhibited by hydrogen peroxide. Variations in this gene have been associated with hypospadias. [provided by RefSeq, Mar 2011],catalytic activity:ATP + 1,2-diacylglycerol = ADP + 1,2-diacyl-sn-glycerol 3-phosphate.,enzyme regulation:Inhibited in response to H(2)O(2).,function:Phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA).,PTM:Phosphorylated at Tyr-78 by some member of the SRC family in response to H(2)O(2).,similarity:Belongs to the eukaryotic diacylglycerol kinase family.,similarity:Contains 1 DAGKc domain.,similarity:Contains 1 PH domain.,similarity:Contains 2 phorbol-ester/DAG-type zinc fingers.,subunit:Does not form homooligomers.,tissue specificity:Expressed in testis, and to a lesser extent in placenta.,