

For Research Use Only

DGKK-Specific Polyclonal antibody

Catalog Number: 20090-1-AP



Basic Information

Catalog Number: 20090-1-AP	GenBank Accession Number: NM_001013742	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 139189	Recommended Dilutions: WB 1:500-1:2000 IF 1:10-1:100
Source: Rabbit	Full Name: diacylglycerol kinase, kappa	
Isotype: IgG	Calculated MW: 142 kDa	
	Observed MW: 135-140 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human	WB : human testis tissue, HuH-7 cells IF : HepG2 cells,

Background Information

DGKK Belongs to the eukaryotic diacylglycerol kinase family. DGKK phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA). DGKK catalyze the reaction: ATP + 1,2-diacylglycerol = ADP + 1,2-diacyl-sn-glycerol 3-phosphate. The antibody is specific to DGKK.

Storage

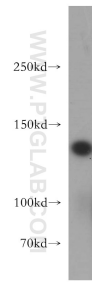
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

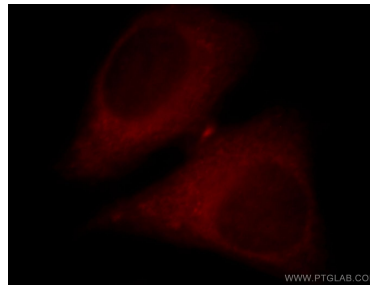
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 20090-1-AP (DGKK-Specific antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using DGKK antibody 20090-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).