

For Research Use Only

DGKK-Specific Polyclonal antibody

Catalog Number: 20090-1-AP



Basic Information

Catalog Number:

20090-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001013742

GeneID (NCBI):

139189

UNIPROT ID:

Q5KSL6

Full Name:

diacylglycerol kinase, kappa

Calculated MW:

142 kDa

Observed MW:

135-140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : human testis tissue, HuH-7 cells

IF/ICC : 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: $ATP + 1,2\text{-diacylglycerol} = ADP + 1,2\text{-diacyl-sn-glycerol 3-phosphate}$. 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

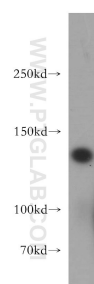
For technical support and original validation data for this product please contact:

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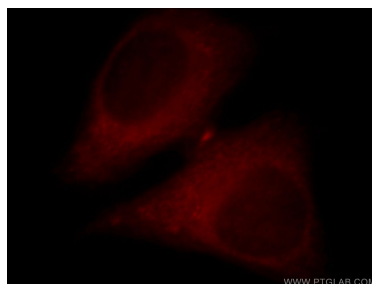
E: proteintech@ptglab.com
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Selected Validation Data



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).