

For Research Use Only

# DGKK-Specific Polyclonal antibody

Catalog Number: 20090-1-AP



## Basic Information

### Catalog Number:

20090-1-AP

### Size:

400 µg/ml

### 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

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

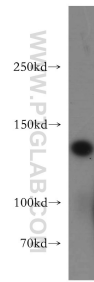
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

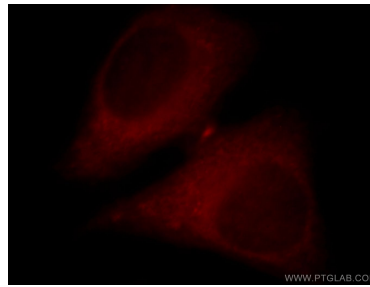
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## Selected Validation Data



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).