

# DGUOK Rabbit Polyclonal Antibody



CAB6898

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

40kDa

### Calculated MW:

9kDa/17kDa/21kDa/27kDa/29kDa/32kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

In mammalian cells, the phosphorylation of purine deoxyribonucleosides is mediated predominantly by two deoxyribonucleoside kinases, cytosolic deoxycytidine kinase and mitochondrial deoxyguanosine kinase. The protein encoded by this gene is responsible for phosphorylation of purine deoxyribonucleosides in the mitochondrial matrix. In addition, this protein phosphorylates several purine deoxyribonucleoside analogs used in the treatment of lymphoproliferative disorders, and this phosphorylation is critical for the effectiveness of the analogs. Alternative splice variants encoding different protein isoforms have been described for this gene.

## Immunogen information

### Gene ID:

1716

### Uniprot

Q16854

### Synonyms:

DGUOK; MTDPS3; NCPH; PEOB4; dGK

### Immunogen:

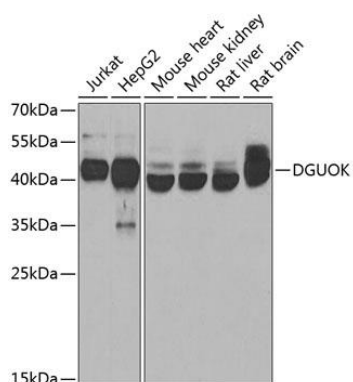
Recombinant fusion protein containing a sequence corresponding to amino acids 40-277 of human DGUOK (NP\_550438.1).

### Storage:

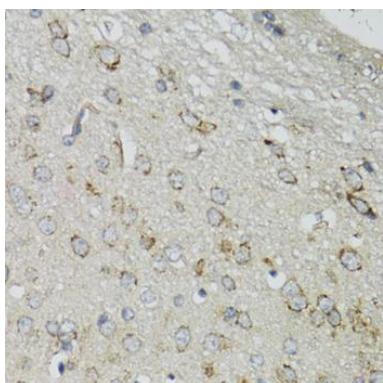
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

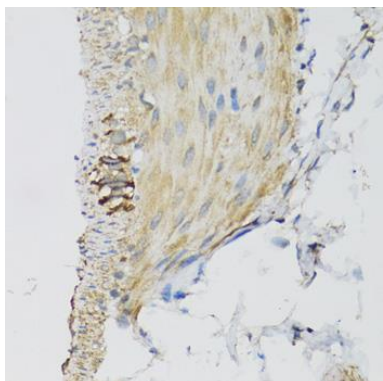
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Western blot analysis of extracts of various cell lines, using DGUOK antibody (CAB6898) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded mouse brain using DGUOK antibody (CAB6898) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse stomach using DGUOK antibody (CAB6898) at dilution of 1:100 (40x lens).