

DGUOK

Reactivity:Human

Tested applications:WB IHC

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

Calculated MW:32kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human DGUOK

Storage Buffer:

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

Synonym:

dGK; MTDPS3;

Catalog #:A6898

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1716

Isotype:IgG

Swiss Prot:Q16854

Purity:Affinity purification

For research use only.

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.

To place an order, please [Click HERE](#).