

Rabbit DGUOK Polyclonal Antibody | anti-DGUOK antibody

DGUOK Polyclonal Antibody

CATALOG # AAA311430	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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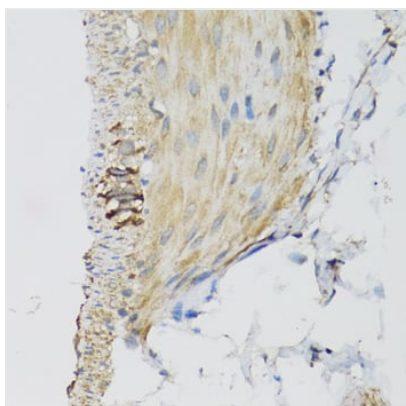
PRODUCT SYNONYMS

DGUOK; Polyclonal Antibody; DGUOK Polyclonal Antibody; MTDPS3; NCPH; PEOB4; dGK; deoxyguanosine kinase; anti-DGUOK antibody

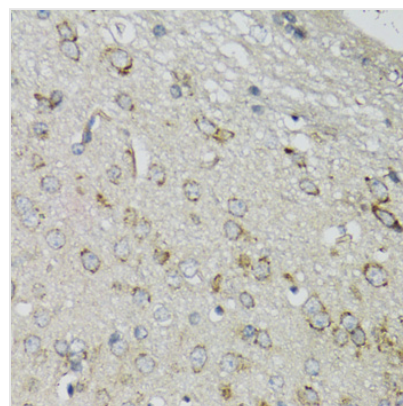
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-DGUOK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DGUOK (NP_550438.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

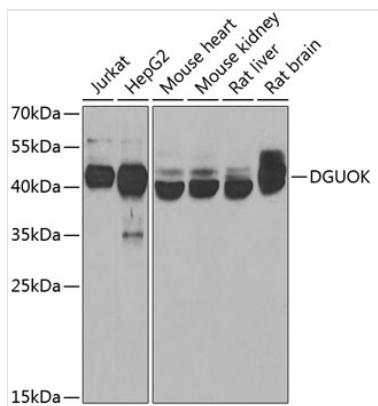
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse stomach using DGUOK antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using DGUOK antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DGUOK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DGUOK antibody

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.

Product Categories/Family for anti-DGUOK antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426967
NCBI GeneID	1716
NCBI Accession #	NP_550438.1
NCBI GenBank Nucleotide #	NM_080916.2
UniProt Accession #	Q16854 ; P78532 ; Q16759 ; Q4ZG09 ; Q96BC1
Molecular Weight	32,056 Da
NCBI Official Full Name	deoxyguanosine kinase, mitochondrial isoform a
NCBI Official Synonym Full Names	deoxyguanosine kinase
NCBI Official Symbol	DGUOK
NCBI Official Synonym Symbols	dGK; MTDPS3
NCBI Protein Information	deoxyguanosine kinase, mitochondrial
UniProt Protein Name	Deoxyguanosine kinase, mitochondrial
UniProt Gene Name	DGUOK
UniProt Synonym Gene Names	DGK; dGK
UniProt Entry Name	DGUOK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.