

Rabbit DCK Polyclonal Antibody | anti-DCK antibody

DCK Antibody

CATALOG # AAA307573	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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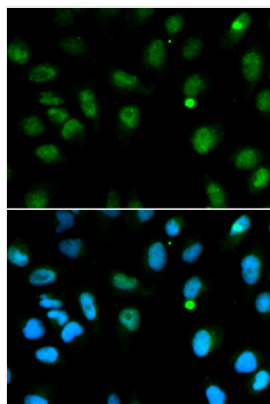
PRODUCT SYNONYMS

DCK; Polyclonal Antibody; DCK Antibody; MGC117410; MGC138632; anti-DCK antibody

PRODUCT SPECIFICATIONS

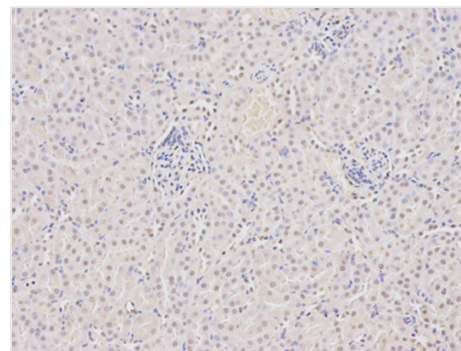
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DCK protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	260
Applicable Applications for anti-DCK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DCK.
Target Name	DCK
Preparation and Storage	Store at -20 degree C

IMAGES



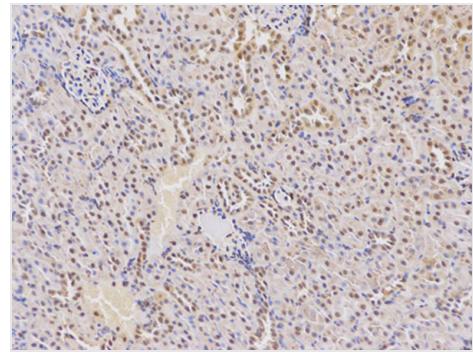
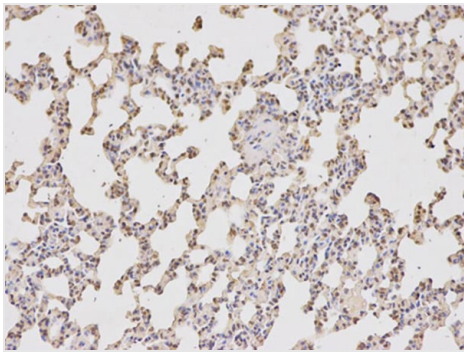
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using DCK antibody. Blue: DAPI for nuclear staining.



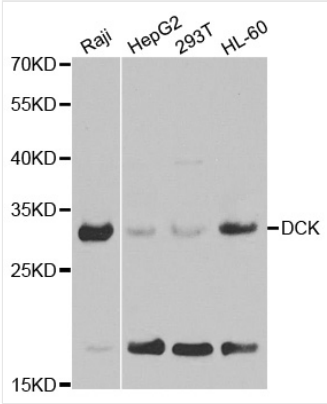
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using DCK antibody at dilution of 1:100 (200x lens).



IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded rat kidney using DCK antibody at dilution of 1:100 (200x lens).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded mouse kidney using DCK antibody at dilution of 1:100 (200x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using DCK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DCK antibody	Deoxycytidine kinase (dCK) is required for the phosphorylation of several deoxyribonucleoside analogues that are widely employed as chemotherapeutic agents(PMID:12628850). It is also a key enzyme in the phosphorylation of a variety of antineoplastic and antiviral nucleoside analogs including cytosine arabinoside (araC) and dideoxycytidine (ddCyd); deficiency of deoxycytidine kinase activity mediates resistance to these drugs(PMID:1996353). This protein can exsit as a homodimer(PMID:16421443). This antibody is specific to DCK.
Product Categories/Family for anti-DCK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503269
NCBI GeneID	1633
NCBI Accession #	NP_000779.1
NCBI GenBank Nucleotide #	NM_000788.2
UniProt Accession #	P27707; Q5TZY7; Q6FI11; B2R8V6
Molecular Weight	30,519 Da
NCBI Official Full Name	deoxycytidine kinase
NCBI Official Synonym Full Names	deoxycytidine kinase
NCBI Official Symbol	DCK
NCBI Protein Information	deoxycytidine kinase

UniProt Protein Name	Deoxycytidine kinase
UniProt Gene Name	DCK
UniProt Synonym Gene Names	dCK
UniProt Entry Name	DCK_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dck-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307573>