

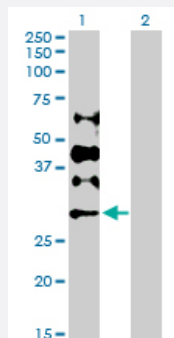
MaxPab®

DCK purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001633-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DCK expression in transfected 293T cell line ([H00001633-T02](#)) by DCK MaxPab polyclonal antibody.

Lane 1: DCK transfected lysate(30.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DCK protein.
Immunogen	DCK (NP_000779.1, 1 a.a. ~ 260 a.a) full-length human protein.
Sequence	MATPPKRSCPSFSASSEGETRIKKISIEGNIAAGKSTFVNILKQLCEDWEVVPEPVARWCNVQSTQ DEFEELTMSQKNGGNVLQMMYEKPERWSFTFQTYACLSRIRAQLASLNGKLKDAEKPVLFERS VYSDRYIFASNLYESECMMNETEWTYQDWHDWMMNQFGQSLELDGIYLQATPETCLHRMLRGRNE EQGIPLEYLEKLHYKHESWLLHRTLKTNFDYLDQEVPILTLDVNEDFKDKYESLVEKVKEFLSTL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — DCK

Entrez GeneID	1633
GeneBank Accession#	NM_000788.1
Protein Accession#	NP_000779.1
Gene Name	DCK
Gene Alias	MGC117410, MGC138632
Gene Description	deoxycytidine kinase
Omim ID	125450
Gene Ontology	Hyperlink
Gene Summary	Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity. [provided by RefSeq]
Other Designations	-

Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Pancreatic Neoplasms](#)