

DCK / Deoxycytidine kinase Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11952**Specification**

DCK / Deoxycytidine kinase Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	P27707
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31kDa KDa

DCK / Deoxycytidine kinase Antibody (N-Terminus) - Additional Information**Gene ID** 1633**Other Names**

Deoxycytidine kinase, dCK, 2.7.1.74, DCK

Target/Specificity

synthetic peptide corresponding to N-terminal residues of human DCK (deoxycytidine kinase)

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

DCK / Deoxycytidine kinase Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

DCK / Deoxycytidine kinase Antibody (N-Terminus) - Protein Information**Name** DCK**Function**

Phosphorylates the deoxyribonucleosides deoxycytidine, deoxyguanosine and deoxyadenosine (PubMed:1996353, PubMed:12808445, PubMed:18377927, PubMed:19159229, PubMed:20614893, PubMed:20637175).

Has broad substrate specificity, and does not display selectivity based on the chirality of the substrate. It is also an essential enzyme for the phosphorylation of numerous nucleoside analogs widely employed as antiviral and chemotherapeutic agents (PubMed:12808445).

Cellular Location

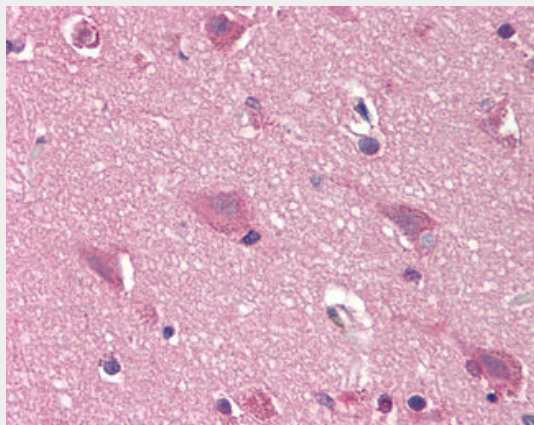
Nucleus.

DCK / Deoxycytidine kinase Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DCK / Deoxycytidine kinase Antibody (N-Terminus) - Images



Anti-DCK antibody IHC of human brain, cortex.

DCK / Deoxycytidine kinase Antibody (N-Terminus) - Background

Required for the phosphorylation of the deoxyribonucleosides deoxycytidine (dC), deoxyguanosine (dG) and deoxyadenosine (dA). Has broad substrate specificity, and does not display selectivity based on the chirality of the substrate. It is also an essential enzyme for the phosphorylation of numerous nucleoside analogs widely employed as antiviral and chemotherapeutic agents.

DCK / Deoxycytidine kinase Antibody (N-Terminus) - References

Chottiner E.G., et al. Proc. Natl. Acad. Sci. U.S.A. 88:1531-1535(1991).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.