



[Go to Product page](#)

Datasheet for ABIN2856517
anti-DCK antibody (Center)

6 Images

Overview

Quantity:	100 µL
Target:	DCK
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DCK. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to DCK (deoxycytidine kinase) DCK antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	DCK
Alternative Name:	DCK (DCK Products)
Background:	Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides

Target Details

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.

Cellular Localization: Nucleus

Molecular Weight: 31 kDa

Gene ID: 1633

Application Details

Application Notes: Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Immunoprecipitation 1:100-1:500* Western blot 1:500-1:10000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Immunoprecipitation1:100-1:500* Western blot1:500-1:10000*

Comment: Positive Control: A431 , mouse brain , PC-12 , Rat2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

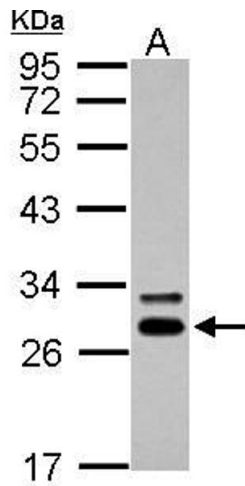
Buffer: 1XPBS, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

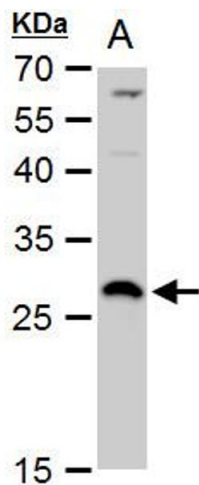
Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



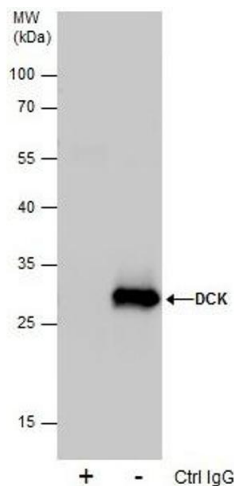
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: A431 12% SDS PAGE antibody diluted at 1:5000



Western Blotting

Image 2. WB Image DCK antibody detects DCK protein by western blot analysis. A. 50 µg mouse brain extract 12 % SDS-PAGE DCK antibody , dilution: 1:1000



Immunoprecipitation

Image 3. IP Image Immunoprecipitation of DCK protein from 293T whole cell extracts using 5 µg of DCK antibody, Western blot analysis was performed using DCK antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2856517.