

Datasheet for ABIN2855484

anti-DCK antibody

8 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DCK
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), 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
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to DCK (deoxycytidine kinase) DCK antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	DCK
Alternative Name:	deoxycytidine kinase (DCK Products)
Background:	<p>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.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	31 kDa
Gene ID:	1633
UniProt:	P27707

Application Details

Application Notes:	WB: 1:1000-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	<p>Positive Control: PC-12 , Rat2 , A549 , H1299 , 293T , DCK-transfected 293T</p> <p>Validation: KO/KD, Overexpression</p>
Restrictions:	For Research Use only

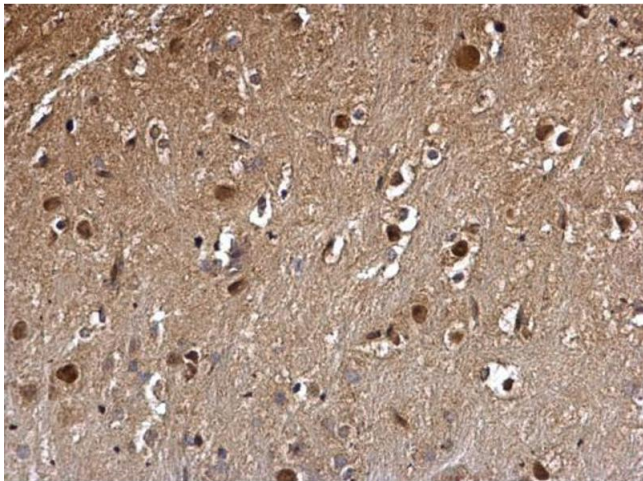
Handling

Format:	Liquid
Concentration:	1.41 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

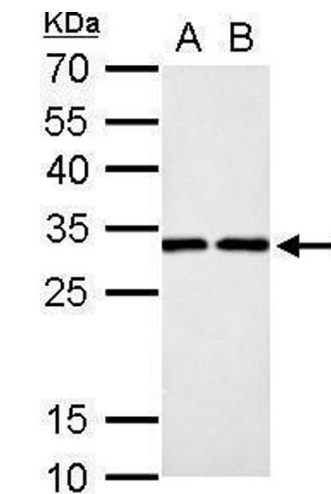
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



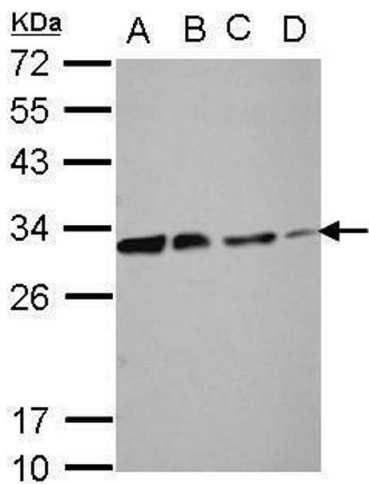
Immunohistochemistry

Image 1. IHC-P Image DCK antibody detects DCK protein at nucleus on mouse hind brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse hind brain. DCK antibody , dilution: 1:500.



Western Blotting

Image 2. WB Image DCK antibody detects DCK protein by Western blot analysis. A. 30 µg PC-12 whole cell lysate/extract B. 30 µg Rat2 whole cell lysate/extract 12 % SDS-PAGE DCK antibody , dilution: 1:1000



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431 C: HeLa D: HepG2 12% SDS PAGE antibody diluted at 1:10000

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2855484.