

Anti-DCX antibody



Catalog Number: 100745

Product name

Anti-DCX antibody

Immunogen

[Human DCX \(aa 45-150, GST Tag\) recombinant protein](#)

Specificity

Human DCX

Antibody description

Rabbit polyclonal to DCX

Preparation

Produced in rabbits immunized with purified, recombinant Human DCX (rh DCX; O43602-2; Ala45-Val150). DCX specific IgG was purified by Human DCX affinity chromatography.

Formulation

0.2 μ m filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC-P, IP

Dilutions

WB: 10-20 μ g/mL

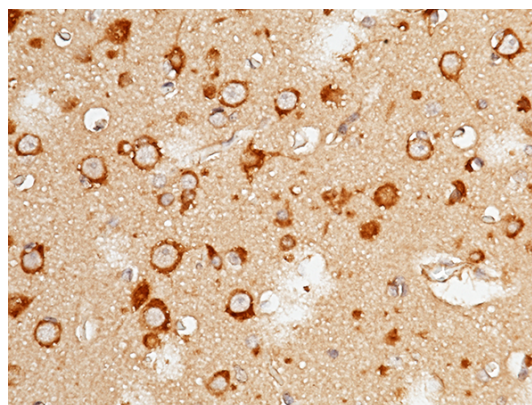
ELISA: 0.1-0.2 μ g/mL

This antibody can be used at 0.1-0.2 μ g/mL with the appropriate secondary reagents to detect Human DCX. The detection limit for Human DCX is approximately 0.00245 ng/well.

IHC-P: 0.1-2 μ g/mL

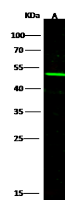
IP: 1-4 μ g/mg of lysate

Validations



DCX Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Immunochemical staining of human DCX in human brain with rabbit polyclonal antibody (1 μ g/mL, formalin-fixed paraffin embedded sections).



Lanes	A
Items	
Sample (whole cell lysate)	CG
Sample Volume (μ g/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	10-20 μ g/ml
Secondary Antibody	Dylight 800 labeled Antibody to Rabbit IgG (1:1), at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size : 49 kDa Observed band size : 49 kDa

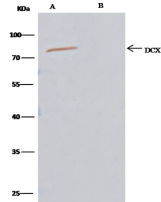
DCX Antibody, Rabbit PAb, Antigen Affinity

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Purified, Western blot



DCX Antibody, Rabbit PAb, Antigen Affinity
Purified, Immunoprecipitation

Lanes	Items	
	A	B
Sample (whole cell lysate)	HepG2	
Sample quantity	0.5 mg	
IP antibody type	GST-DCX-RP02	Rabbit blank IgG
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	GST-DCX antibody at 10 µg/ml	
Secondary antibody	Clean-Blot® IP Detection Reagent (HRP) at 1:1000 dilution	