

Product Datasheet

ECHDC3 Antibody - BSA Free

NBP1-82159

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-82159

ECHDC3 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

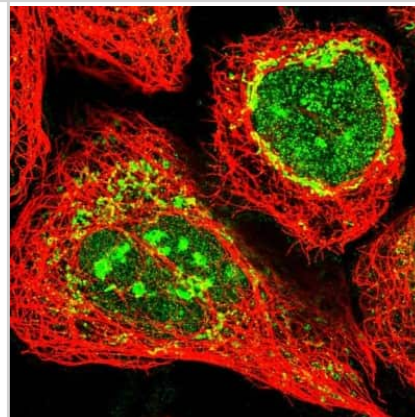
Product Description	
Host	Rabbit
Gene ID	79746
Gene Symbol	ECHDC3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (81%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FTGEPISAEALLHGLLSKVPEAELQEETMRIARKIASLSRPVVS LGKATFYKQ LPQDLGTAYYLT SQAMVDNLALRDGQEGITAF LQKRKPVWSH

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

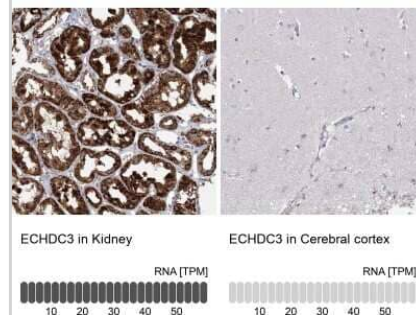


Images

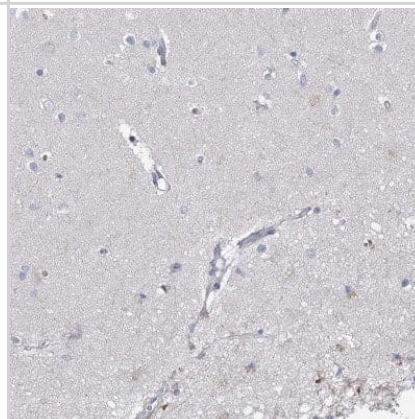
Immunocytochemistry/Immunofluorescence: ECHDC3 Antibody [NBP1-82159] - Staining of human cell line A-431 shows positivity in nucleus, nucleoli and mitochondria. Antibody staining is shown in green.



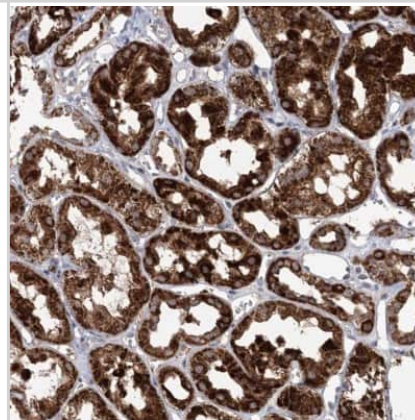
Immunohistochemistry-Paraffin: ECHDC3 Antibody [NBP1-82159] - Staining in human kidney and cerebral cortex tissues using anti-ECHDC3 antibody. Corresponding ECHDC3 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: ECHDC3 Antibody [NBP1-82159] - Staining of human cerebral cortex shows low expression as expected.



Immunohistochemistry-Paraffin: ECHDC3 Antibody [NBP1-82159] - Staining of human kidney shows high expression.



Publications

Deogharia M, Agrawal A, Shi M et Al. Histone demethylase KDM5 regulates cardiomyocyte maturation by promoting fatty acid oxidation, oxidative phosphorylation, and myofibrillar organization bioRxiv 2023-05-28 [PMID: 37090524]



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Products Related to NBP1-82159

NBP1-82159PEP	ECHDC3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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