

Product Datasheet

PDHX Antibody - BSA Free

NBP1-84080

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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Updated 2/21/2025 v.20.1

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NBP1-84080

PDHX 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

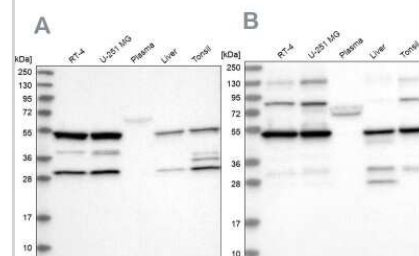
Host	Rabbit
Gene ID	8050
Gene Symbol	PDHX
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (80%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PAARNILEKHSLDASQGTATGPRGIFTKEDALKLVQLKQTGKITESRPTPAPTAT PTAPSPLQATAGPSYPRPVIPPVSTPGQPNAVGTFTFI

Product Application Details

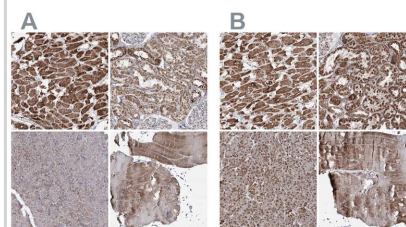
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

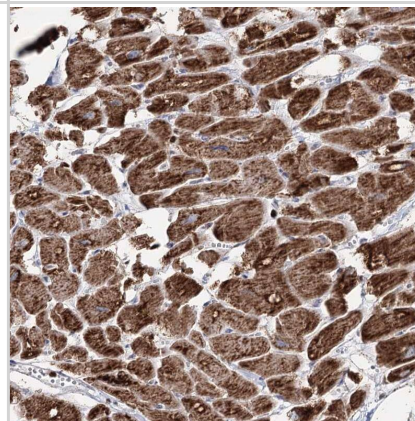
Western Blot: PDHX Antibody [NBP1-84080] - Analysis using Anti-PDHX antibody NBP1-84080 (A) shows similar pattern to independent antibody NBP1-84079 (B).



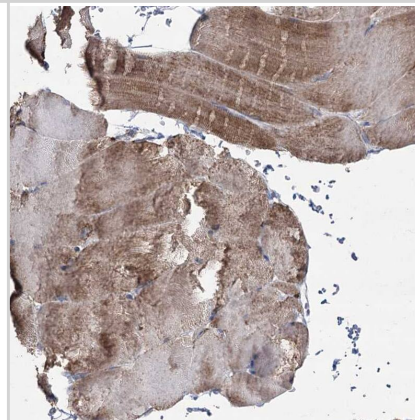
Staining of human heart muscle, kidney, pancreas and skeletal muscle using Anti-PDHx antibody NBP1-84080 (A) shows similar protein distribution across tissues to independent antibody NBP1-84079 (B).



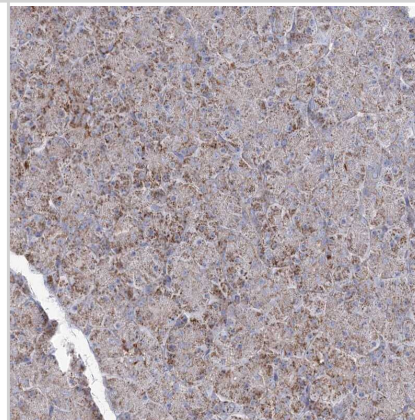
Staining of human heart muscle shows strong granular cytoplasmic positivity in cardiomyocytes.



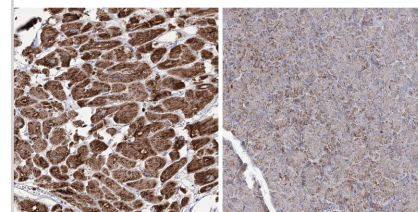
Staining of human skeletal muscle shows moderate granular cytoplasmic positivity in myocytes.



Staining of human pancreas shows weak granular cytoplasmic positivity in exocrine glandular cells.

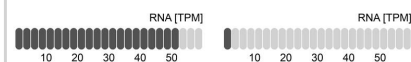


Analysis in human heart muscle and pancreas tissues using NBP1-84080 antibody. Corresponding PDHX RNA-seq data are presented for the same tissues.

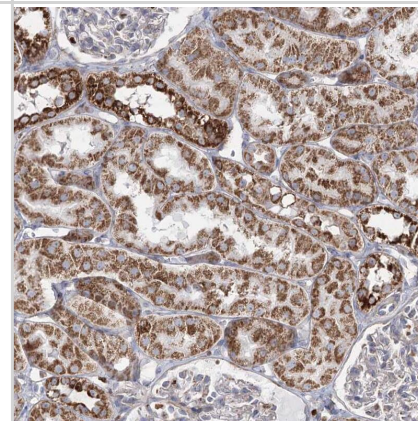


PDHX in Heart muscle

PDHX in Pancreas



Staining of human kidney shows moderate granular cytoplasmic positivity in cells) in tubules.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-84080

NBP1-84080PEP	PDHX 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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