

# Product Datasheet

## PDHX Antibody - BSA Free NBP1-84079

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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**NBP1-84079**

PDHX Antibody - BSA Free

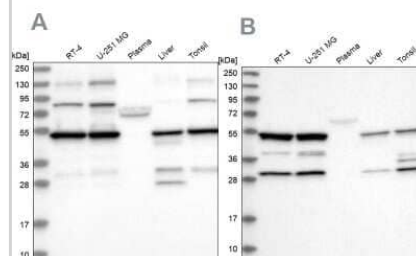
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PDHX Antibody - BSA Free (NBP1-84079) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8050
Gene Symbol	PDHX
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DASDDGILAKIVVEEGSKNIRLGSLIGLIVEEGEDWKHVEIPKDVGPPPPVSKPS EPRPSPEPQISIPVKKEHIPGTLRFRLS

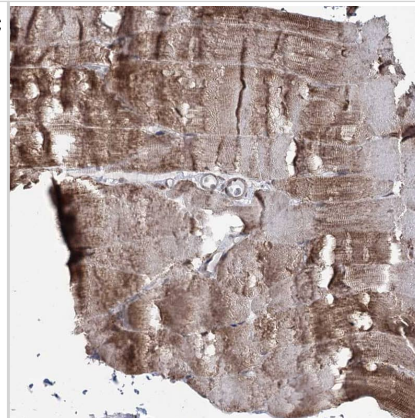
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

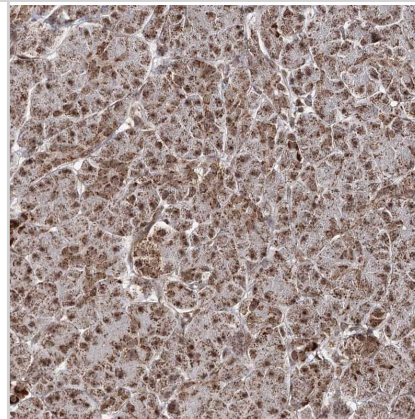
Western Blot: PDHX Antibody [NBP1-84079] - Analysis using Anti-PDHX antibody NBP1-84079 (A) shows similar pattern to independent antibody NBP1-84080 (B).



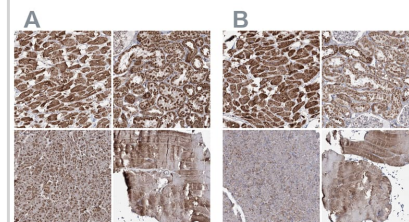
Staining of human skeletal muscle shows moderate granular cytoplasmic positivity in myocytes.



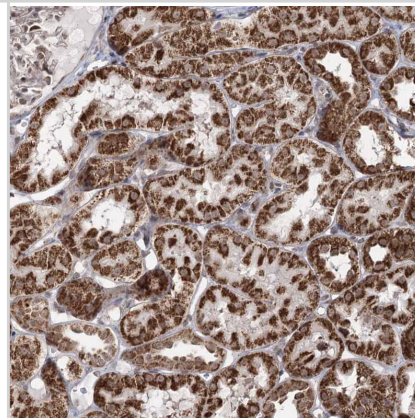
Staining of human pancreas shows weak granular cytoplasmic positivity in exocrine glandular cells.



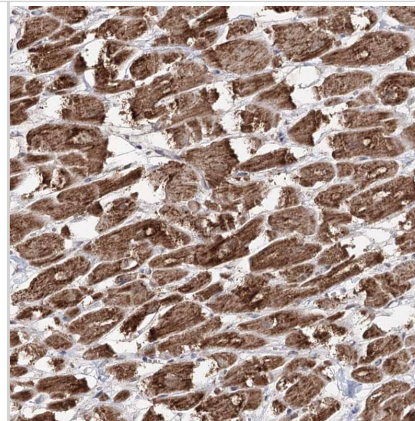
Staining of human heart muscle, kidney, pancreas and skeletal muscle using Anti-PDHx antibody NBP1-840794 (A) shows similar protein distribution across tissues to independent antibody NBP1-84080 (B).



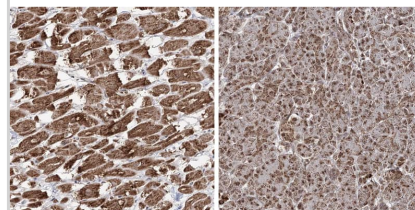
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



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

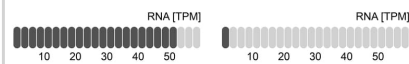


Analysis in human heart muscle and pancreas tissues using NBP1-84079 antibody. Corresponding PDHX RNA-seq data are presented for the same tissues.



PDHX in Heart muscle

PDHX in Pancreas





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### **Products Related to NBP1-84079**

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NBP1-84079PEP	PDHX Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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