

Product Datasheet

Protein Disulfide Isomerase/P4HB Antibody - BSA Free NBP1-84051

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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NBP1-84051

Protein Disulfide Isomerase/P4HB 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

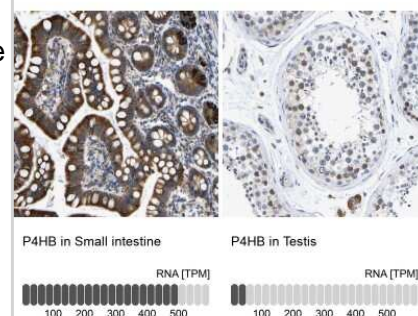
Host	Rabbit
Gene ID	5034
Gene Symbol	P4HB
Species	Human, Mouse, Rat
Marker	Fibroblast Marker
Immunogen	This antibody was developed against Protein Disulfide Isomerase/P4HB Recombinant Protein corresponding to amino acids: LPLVIEFTEQTAPKIFGGEIKTHILLFLPKSVSDYDGKLSNFKTAAESFKGKILFIFI DSDHTDNQRILEFFGLKKEECPAVRLITLEEEMTKYKPESEELTAERITEFCHRF LEGKIKPHLMSQELPEDWDKQPVKVLVGKNF

Product Application Details

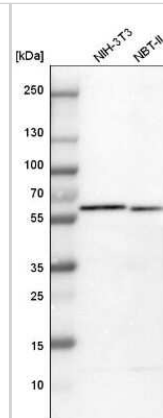
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

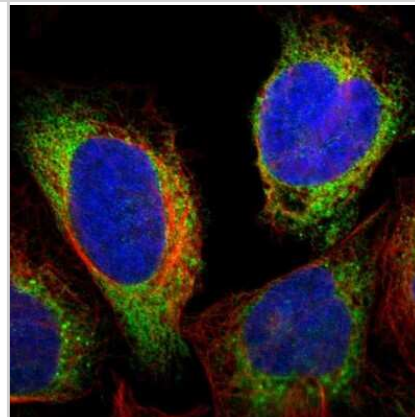
Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051] - Staining in human small intestine and testis tissues.. Corresponding P4HB RNA-seq data are presented for the same tissues.



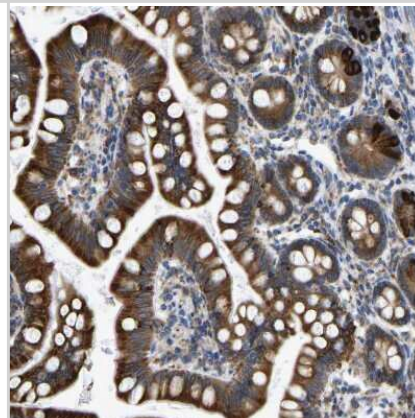
Western Blot: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051]
 - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



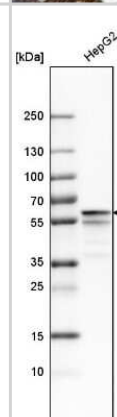
Immunocytochemistry/Immunofluorescence: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051] - Staining of human cell line U-2 OS shows localization to endoplasmic reticulum. Antibody staining is shown in green.



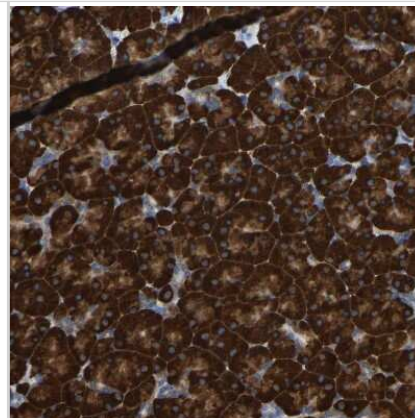
Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



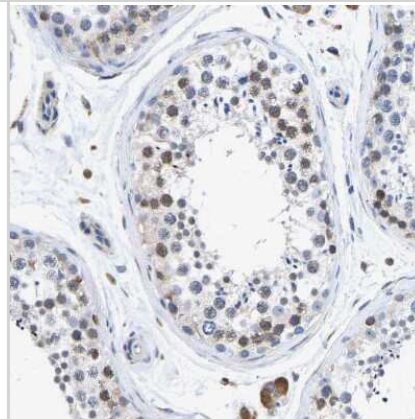
Western Blot: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051]
 - Analysis in human cell line HepG2.



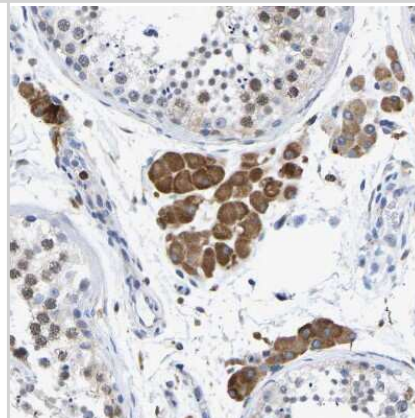
Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051] - Staining of human testis shows no cytoplasmic positivity in cells in seminiferous ducts as expected.



Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-84051] - Staining of human testis shows moderate cytoplasmic positivity in Leydig cells.





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 NBP1-84051

NBP1-84051PEP	Protein Disulfide Isomerase/P4HB 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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