

Product Datasheet

PDIR Antibody - BSA Free NBP1-92252

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-92252

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-92252



NBP1-92252

PDIR Antibody - BSA Free

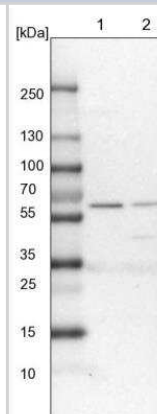
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PDIR Antibody - BSA Free (NBP1-92252) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PDIR Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10954
Gene Symbol	PDIA5
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VTFKSIVAFLKDPKGPPLWEEDPGAKDVVHLDSEKDFRRLKKEEKPLLIMFYA PWCSMCKRMPHFQKAATQLRGHAVLAGMNVYSSEFE

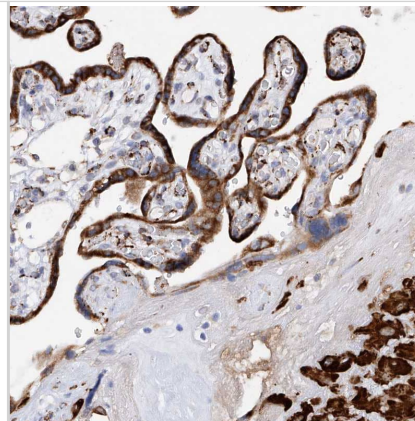
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

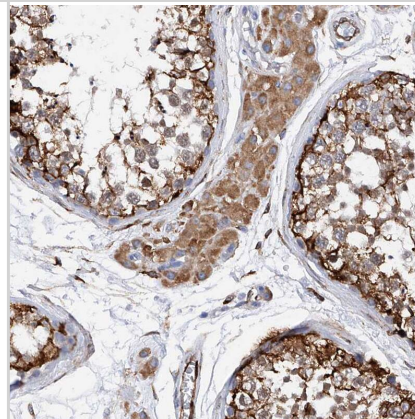
Western Blot: PDIR Antibody [NBP1-92252] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



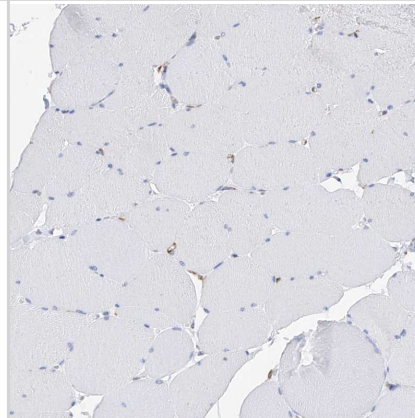
Immunohistochemistry: PDIR Antibody [NBP1-92252] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic and decidual cells.



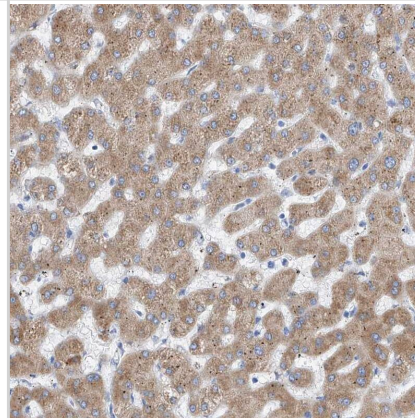
Immunohistochemistry: PDIR Antibody [NBP1-92252] - Staining of human testis shows moderate to strong granular cytoplasmic positivity Leydig cells and in cells in seminiferous ducts.



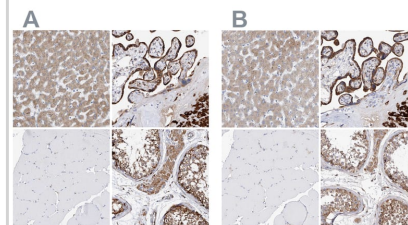
Immunohistochemistry: PDIR Antibody [NBP1-92252] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



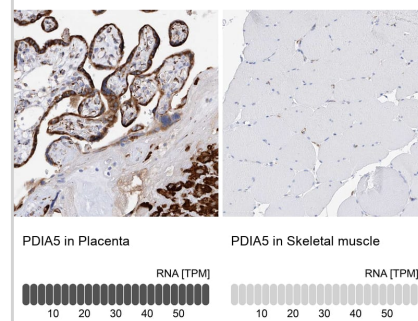
Immunohistochemistry: PDIR Antibody [NBP1-92252] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



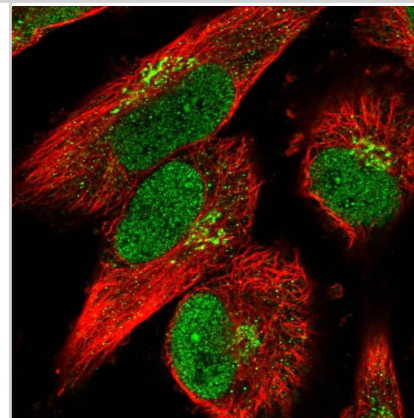
Staining of human liver, placenta, skeletal muscle and testis using NBP1-92252 (A) shows similar protein distribution across tissues to independent antibody NBP1-92250 (B).



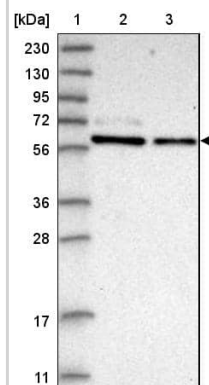
Analysis in human placenta and skeletal muscle tissues using NBP1-92252 antibody. Corresponding PDIA5 RNA-seq data are presented for the same tissues.



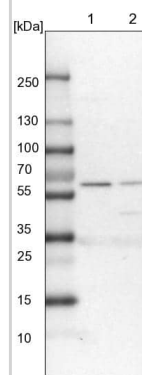
Staining of human cell line U-251 MG shows localization to nucleoplasm, nucleoli fibrillar center & the Golgi apparatus.



Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11
 Lane 2: Human cell line RT-4
 Lane 3: Human cell line U-251MG sp



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Publications

Chamberlain N, Ruban M, Mark Z et al. Protein Disulfide Isomerase A3 Regulates Influenza Neuraminidase Activity and Influenza Burden in the Lung International Journal of Molecular Sciences 2022-01-19 [PMID: 35162999] (WB, Mouse)



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 NBP1-92252

NBP1-92252PEP	PDIR 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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-92252

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

