

Product Datasheet

PTPRO Antibody - BSA Free

NBP1-81826

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/NBP1-81826

Updated 2/21/2025 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/NBP1-81826



NBP1-81826

PTPRO 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

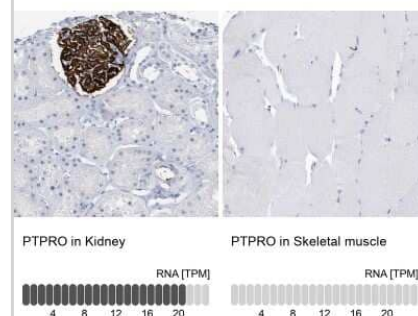
Host	Rabbit
Gene ID	5800
Gene Symbol	PTPRO
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (84%). Human reactivity reported in scientific literature (PMID: 25826083).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TRVNISYWEGKDFRTMLYKDFFKGKTVFNHWLPGMCYSNITFQLVSEATFNKS TLVEYSGVSHEPKQHRTAPYPPQNISVRIVNLNKNWEEQSGNFPEESFMRS QDTIGKEKLFHFTEETPEIPSGNISSGWP

Product Application Details

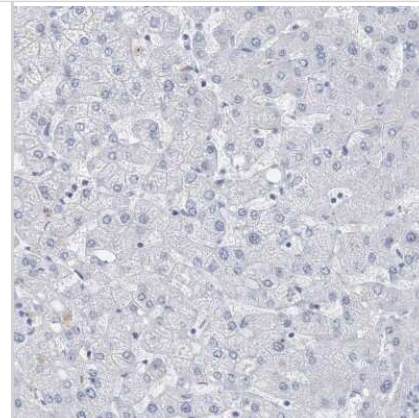
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC reported in scientific literature (PMID: 25826083). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

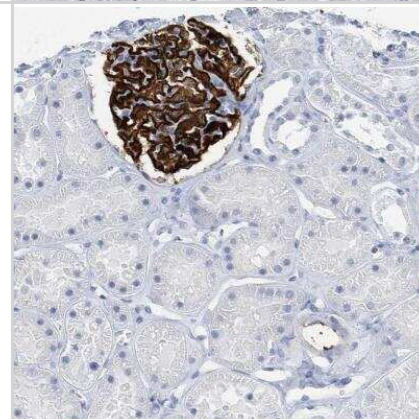
Immunohistochemistry-Paraffin: PTPRO Antibody [NBP1-81826] - Staining in human kidney and skeletal muscle tissues . Corresponding PTPRO RNA-seq data are presented for the same tissues.



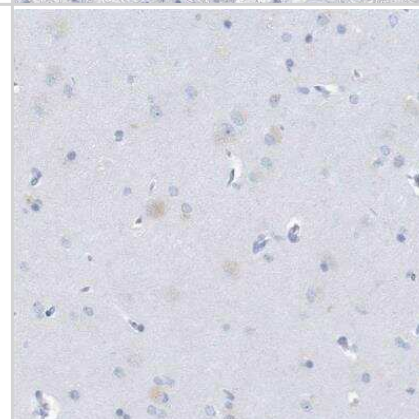
Immunohistochemistry-Paraffin: PTPRO Antibody [NBP1-81826] -
Staining of human liver shows no positivity in hepatocytes as expected.



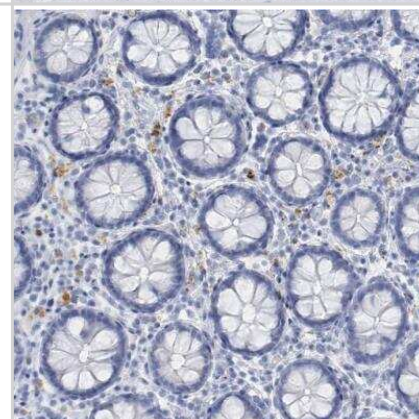
Immunohistochemistry-Paraffin: PTPRO Antibody [NBP1-81826] -
Staining of human kidney shows strong membranous positivity in cells in
glomeruli.



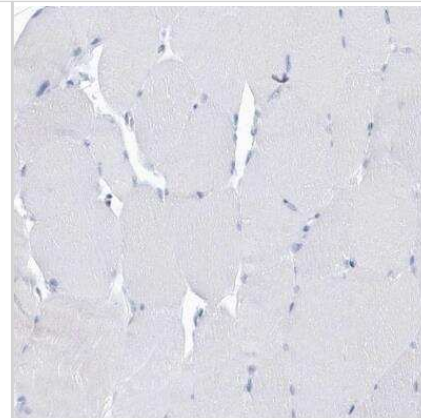
Immunohistochemistry-Paraffin: PTPRO Antibody [NBP1-81826] -
Staining of human cerebral cortex shows very weak cytoplasmic
positivity in neuronal cells.



Immunohistochemistry-Paraffin: PTPRO Antibody [NBP1-81826] -
Staining of human colon shows moderate cytoplasmic positivity in
lymphoid cells.



Immunohistochemistry-Paraffin: PTPRO Antibody [NBP1-81826] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Zhang W, Hou J, Wang X et al. PTPRO-mediated autophagy prevents hepatosteatosis and tumorigenesis. Oncotarget 2015-04-20 [PMID: 25826083] (IF/IHC, Human)



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 NBP1-81826

NBP1-81826PEP	PTPRO 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.

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/NBP1-81826

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

