

Product Datasheet

PEX5 Antibody - BSA Free NBP1-87185

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: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-87185

Updated 1/8/2026 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/NBP1-87185



NBP1-87185


PEX5 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

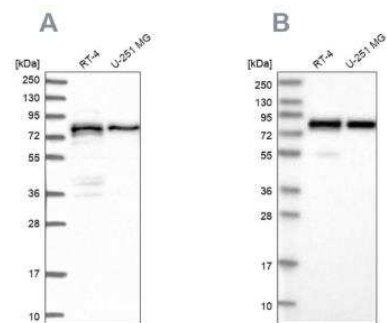
Product Description	
Description	Novus Biologicals Rabbit PEX5 Antibody - BSA Free (NBP1-87185) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PEX5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5830
Gene Symbol	PEX5
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DAVDVTQDYNEDWSQEFISEVTDPLSVSPARWAEYILEQSEEKLWLGEPEG TATDRWYDEYHPEEDLQHTASDFVAKVDDPKLA

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

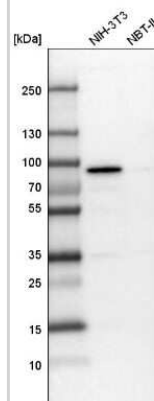
Images

Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human cerebral cortex, colon, lymph node and testis using Anti-PEX5 antibody NBP1-87185 (A) shows similar protein distribution across tissues to independent antibody NBP2-38443 (B). 

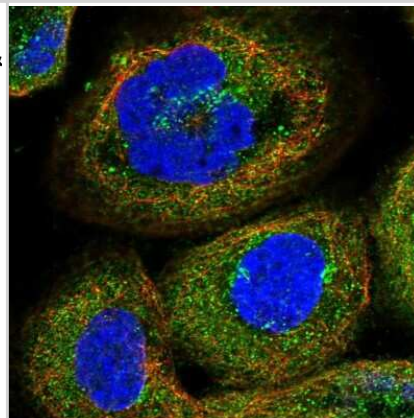
Western Blot: PEX5 Antibody [NBP1-87185] - Analysis using Anti-PEX5 antibody NBP1-87185 (A) shows similar pattern to independent antibody NBP2-38443 (B).



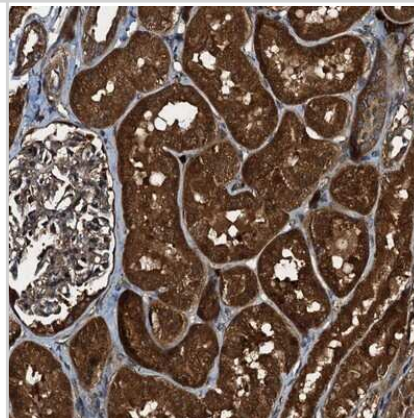
Western Blot: PEX5 Antibody [NBP1-87185] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Immunocytochemistry/Immunofluorescence: PEX5 Antibody [NBP1-87185] - Staining of human cell line A-431 shows localization to cytosol & the Golgi apparatus. Antibody staining is shown in green.



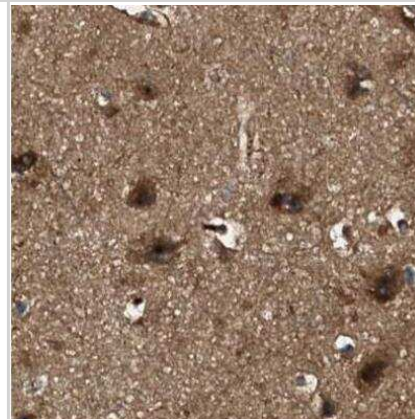
Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human kidney shows strong cytoplasmic positivity in cells of tubules.



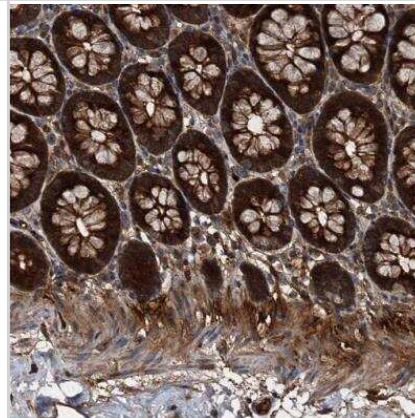
Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human lymph node using Anti-PEX5 antibody.



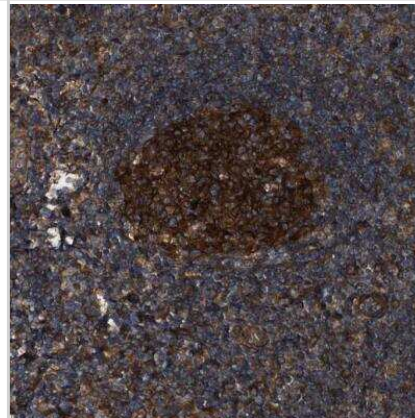
Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human cerebral cortex using Anti-PEX5 antibody.



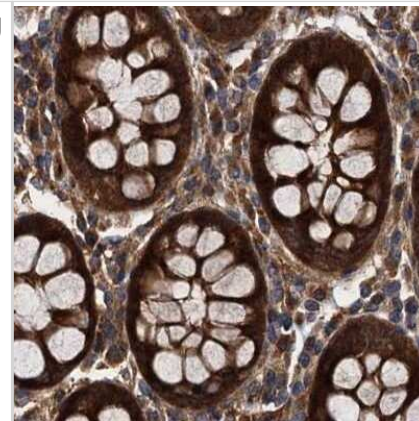
Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



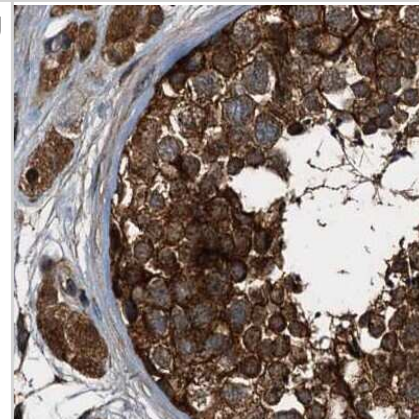
Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human tonsil shows strong cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human colon using Anti-PEX5 antibody NBP1-87185.



Immunohistochemistry-Paraffin: PEX5 Antibody [NBP1-87185] - Staining of human testis using Anti-PEX5 antibody NBP1-87185.



Publications

Fu X, Wan P, Lu L et al. Peroxisome Deficiency in Cochlear Hair Cells Causes Hearing Loss by Deregulating BK Channels *Advanced science* (Weinheim, Baden-Wurttemberg, Germany) 2023-05-12 [PMID: 37171794] (IHC, WB, Mouse)

Balakrishnan A Glial cells in health and disease Thesis 2020-01-01 (WB, Human)

Chen BH, Chang YJ, Lin S, Yang WY Hsc70/Stub1 promotes the removal of individual oxidatively stressed peroxisomes *Nat Commun* 2020-10-19 [PMID: 33077711] (WB, Mouse)

Balakrishnan A, Adnani L, Chinchalongporn V et al. SMPD3-mediated extracellular vesicle biogenesis inhibits oligodendrogloma growth *bioRxiv* 2020-07-15 (WB)



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 NBP1-87185

NBP1-87185PEP	PEX5 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/NBP1-87185

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

