

Product Datasheet

UDP glucose dehydrogenase Antibody - BSA Free NBP1-90906

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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Publications: 1

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Updated 12/2/2025 v.20.1

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NBP1-90906

UDP glucose dehydrogenase Antibody - BSA Free

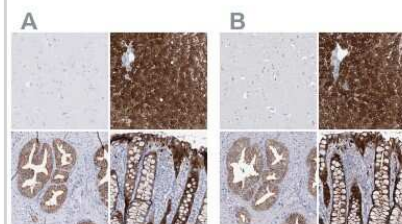
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit UDP glucose dehydrogenase Antibody - BSA Free (NBP1-90906) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7358
Gene Symbol	UGDH
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AVVICTEWDMMFKELDYERIHKKMLKPAFIFDGRRVLDGLHNELQTIGFQIETIGK KVSSKRIPYAPSGEIPKFSLQDPPNKKPKV

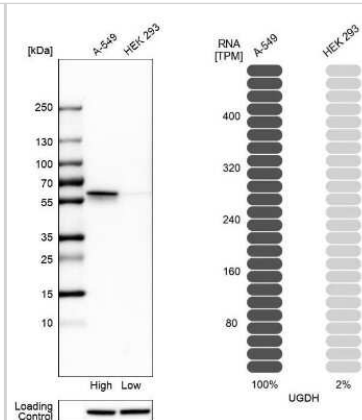
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

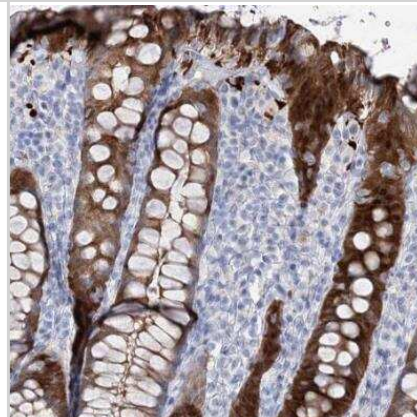
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90906] - Staining of human cerebral cortex, liver, prostate and rectum using Anti-UDP glucose dehydrogenase antibody NBP1-90906 (A) shows similar protein distribution across tissues to independent antibody NBP1-90997 (B).



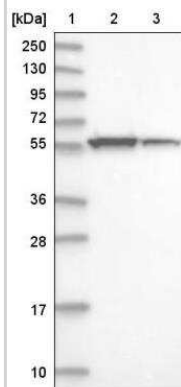
Western Blot: UDP glucose dehydrogenase Antibody [NBP1-90906] - Analysis in human cell lines A-549 and HEK293 using anti-UGDH antibody. Corresponding UGDH RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



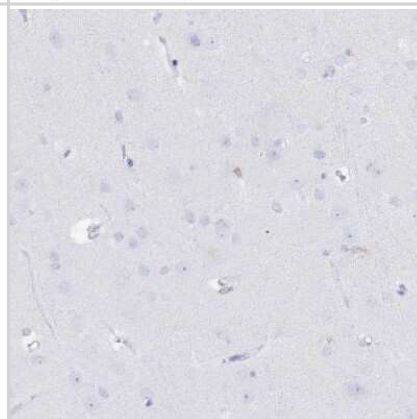
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90906] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



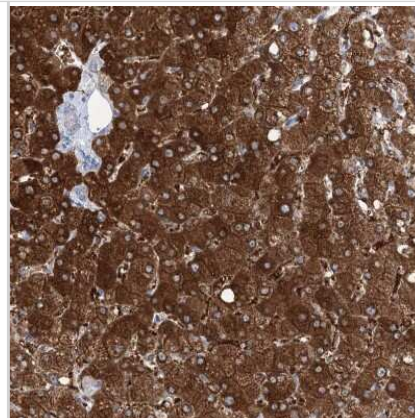
Western Blot: UDP glucose dehydrogenase Antibody [NBP1-90906] -
 Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10
 Lane 2: Human cell line RT-4
 Lane 3: Human cell line U-251MG sp



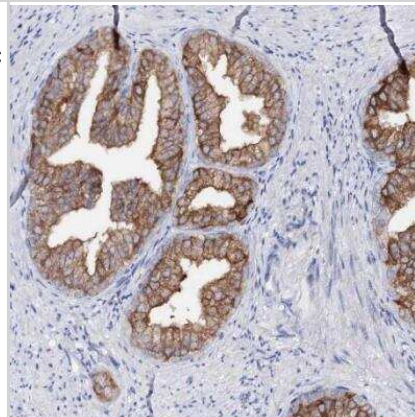
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90906] - Staining of human cerebral cortex shows no positivity in neurons as expected.



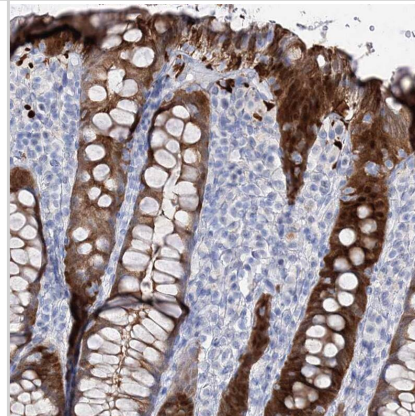
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90906] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



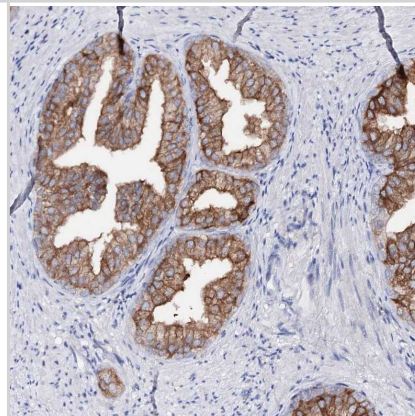
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90906] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



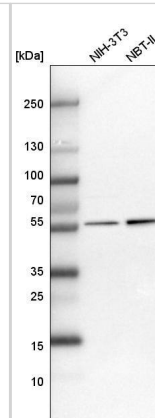
Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



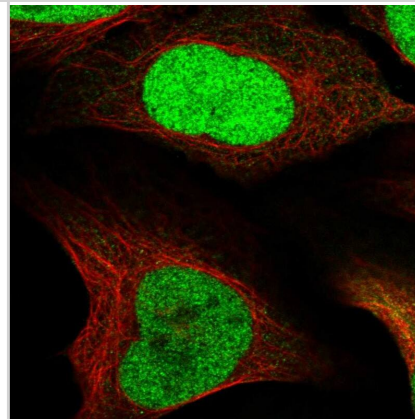
Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Staining of human cell line U-2 OS shows localization to nucleoplasm.



Publications

Lin B, Zhou J, Geng D et al. O-GlcNAcylation of UGDH regulates its activity and remodels the extracellular matrix to facilitate tumor growth. *Cell Death and Differentiation* 2025-10-06 [PMID: 41053177]



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 NBP1-90906

NBP1-90906PEP	UDP glucose dehydrogenase 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.

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