

# Product Datasheet

## UDP glucose dehydrogenase Antibody - BSA Free NBP1-90997

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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**NBP1-90997**

UDP glucose dehydrogenase Antibody - BSA Free

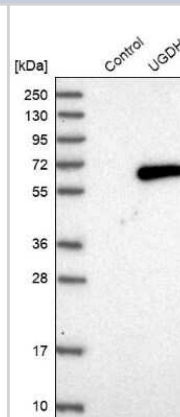
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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 (NBP1-90997) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7358
Gene Symbol	UGDH
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IDMNDYQRRRFASRIIDSLFNTVTDKKAIALGFAFKKDTGDTRESSSIYISKYLMD EGAHLHIYDPKVPREQIVVDSLHPGVSEDDQVSRLV

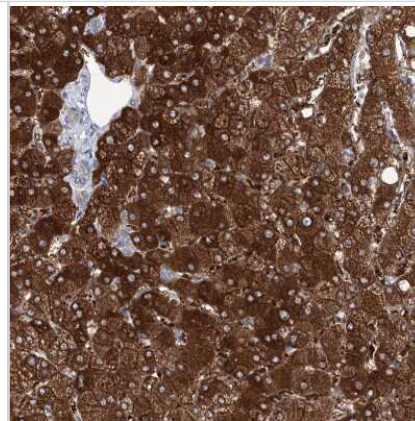
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

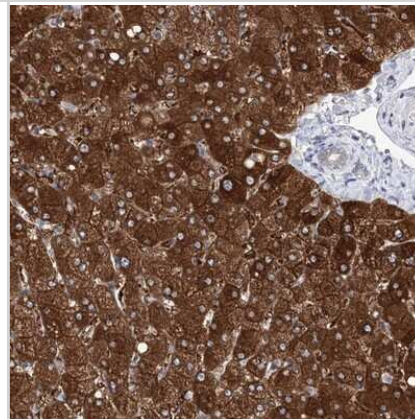
Western Blot: UDP glucose dehydrogenase Antibody [NBP1-90997] - Analysis in control (vector only transfected HEK293T lysate) and UGDH over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



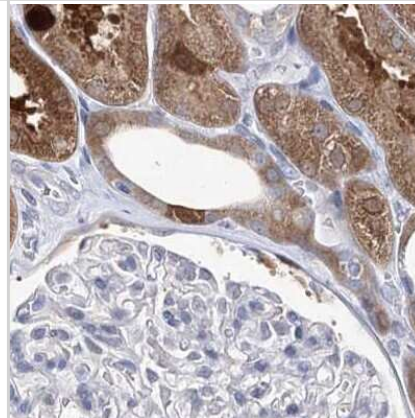
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



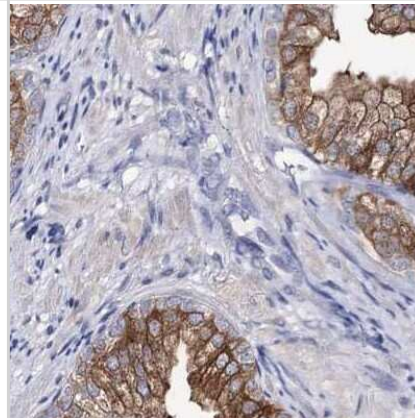
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



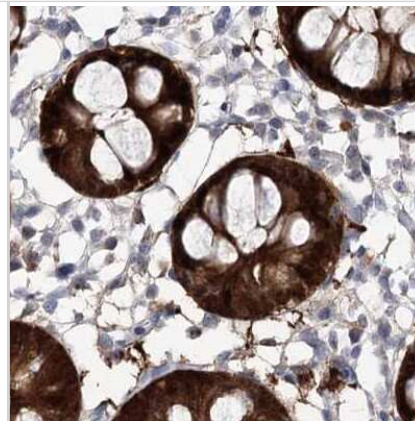
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human kidney.



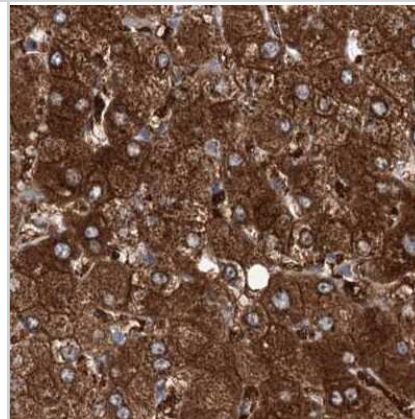
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human prostate.



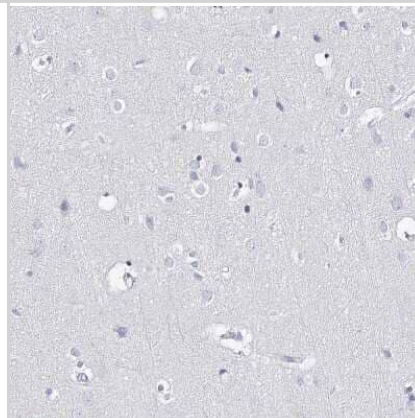
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human colon.



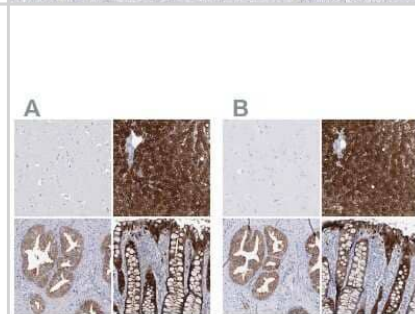
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human liver.



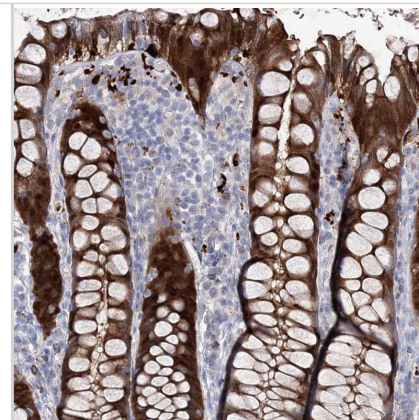
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human cerebral cortex shows no positivity in neurons as expected.



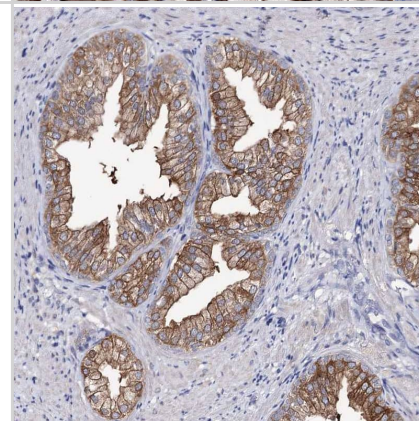
Immunohistochemistry-Paraffin: UDP glucose dehydrogenase Antibody [NBP1-90997] - Staining of human cerebral cortex, liver, prostate and rectum using Anti-UDP glucose dehydrogenase antibody NBP1-90997 (A) shows similar protein distribution across tissues to independent antibody NBP1-90906 (B).



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



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





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### **Products Related to NBP1-90997**

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NBP1-90997PEP	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

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### **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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