

Product Datasheet

DBT Antibody - BSA Free NBP1-89522

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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NBP1-89522

DBT Antibody - BSA Free

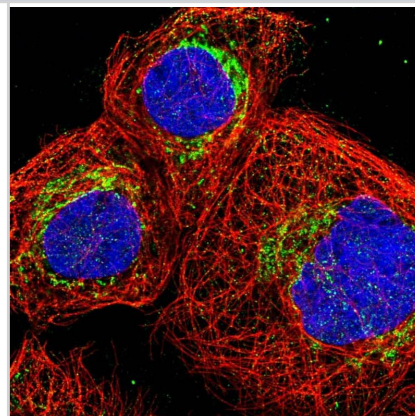
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit DBT Antibody - BSA Free (NBP1-89522) 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	1629
Gene Symbol	DBT
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VGKPLVDIETEALKDSEEDVVETPAVSHDEHTEHQEIKGRKTLATPAVRRLAMEN NIKLSSEVVGSGKDGRILKEDILNYLEKQ

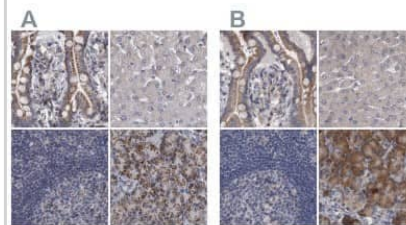
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

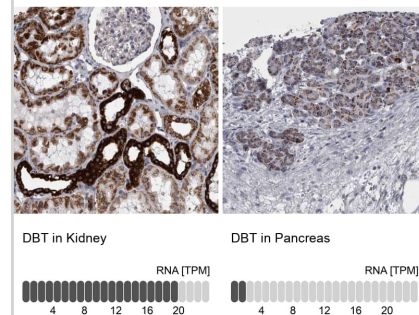
Staining of human cell line A-431 shows localization to mitochondria.



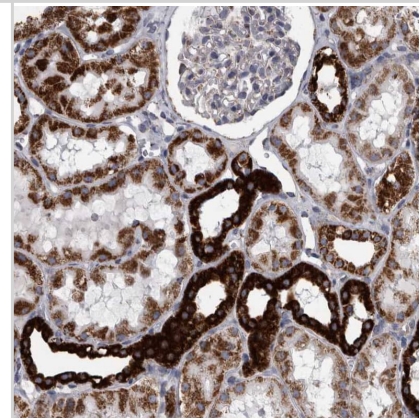
Immunohistochemistry-Paraffin: DBT Antibody [NBP1-89522] - Staining of human colon, liver, lymph node and pancreas using Anti-DBT antibody NBP1-89522 (A) shows similar protein distribution across tissues to independent antibody NBP1-85964 (B).



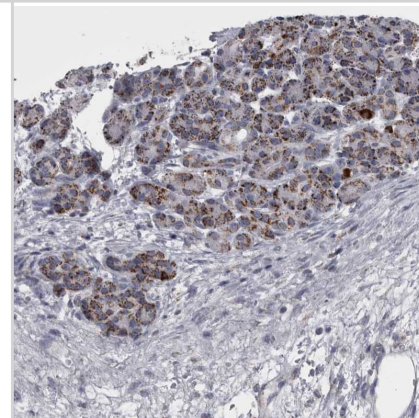
Analysis in human kidney and pancreas tissues using NBP1-89522 antibody. Corresponding DBT RNA-seq data are presented for the same tissues.



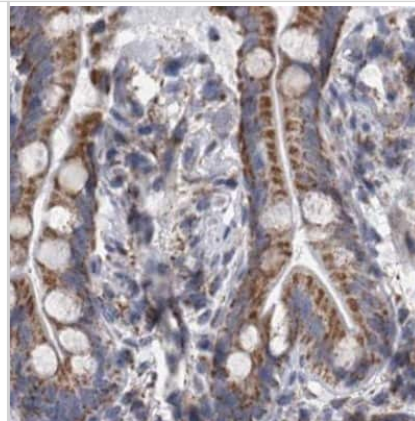
Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



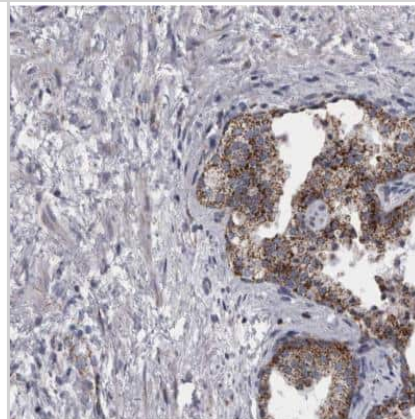
Staining of human pancreas shows weak to moderate cytoplasmic positivity in exocrine glandular cells.



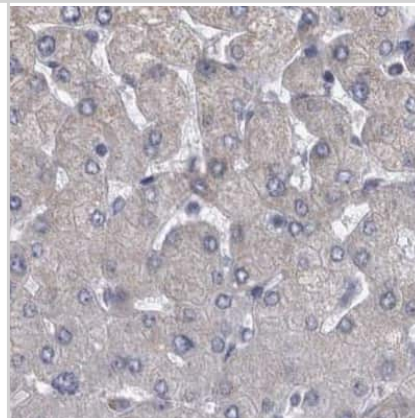
Immunohistochemistry-Paraffin: DBT Antibody [NBP1-89522] - Staining of human colon.



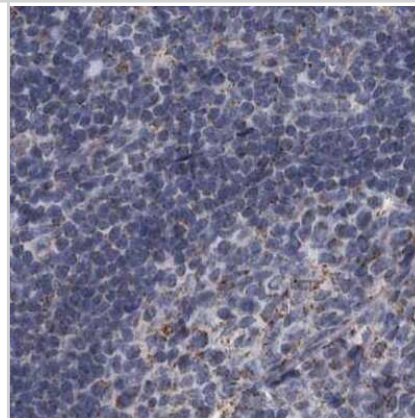
Immunohistochemistry-Paraffin: DBT Antibody [NBP1-89522] - Staining of human prostate shows weak to moderate cytoplasmic positivity in glandular cells.



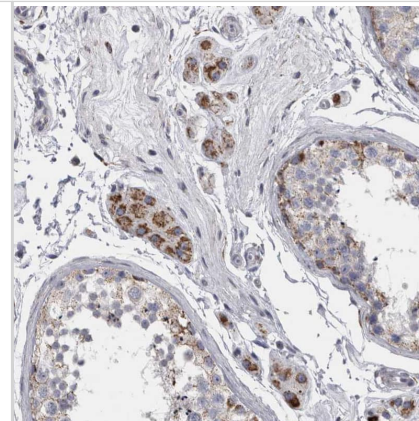
Immunohistochemistry-Paraffin: DBT Antibody [NBP1-89522] - Staining of human liver.



Immunohistochemistry-Paraffin: DBT Antibody [NBP1-89522] - Staining of human lymph node.



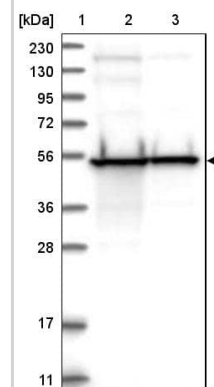
Staining of human testis shows weak to moderate cytoplasmic positivity in Leydig cells.



Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11

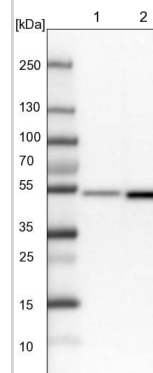
Lane 2: Human cell line RT-4

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)





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Products Related to NBP1-89522

NBP1-89522PEP	DBT 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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