

Product Datasheet

GCDH Antibody - BSA Free

NBP2-48549

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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NBP2-48549

GCDH 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

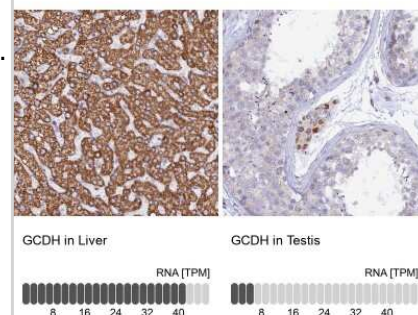
Description	Novus Biologicals Rabbit GCDH Antibody - BSA Free (NBP2-48549) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2639
Gene Symbol	GCDH
Species	Human
Reactivity Notes	Mouse (87%), Rat (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: SRPEFDWQDPLVLEEQLTTDEILIRDTFRTYCQERLMPRILLANRNEVFHREIISE MGELGVLGPTIKGYGCAGV

Product Application Details

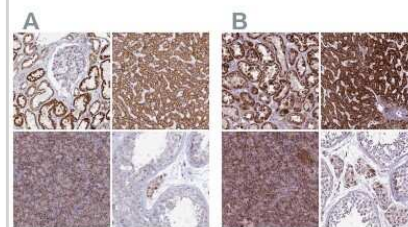
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 -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

Images

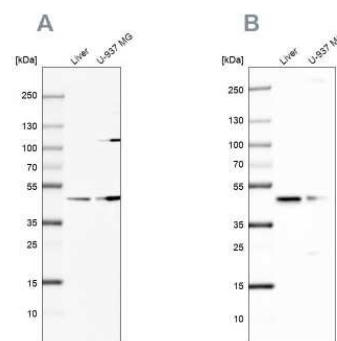
Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Analysis in human liver and testis tissues using NBP2-48549 antibody. Corresponding GCDH RNA-seq data are presented for the same tissues.



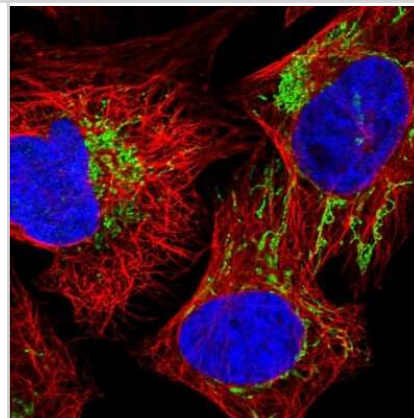
Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Staining of human kidney, liver, pancreas and testis using Anti-GCDH antibody NBP2-48549 (A) shows similar protein distribution across tissues to independent antibody NBP2-48907 (B).



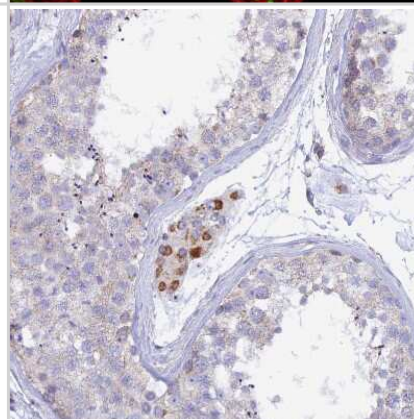
Western Blot: GCDH Antibody [NBP2-48549] - Analysis using Anti-GCDH antibody NBP2-48549 (A) shows similar pattern to independent antibody NBP2-48907 (B).



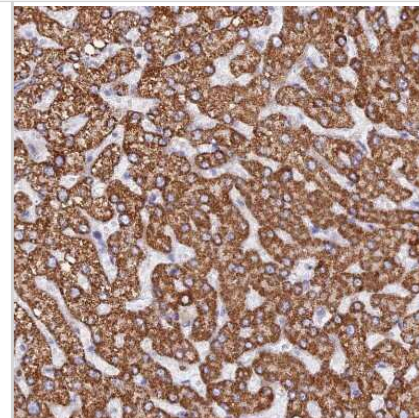
Immunocytochemistry/Immunofluorescence: GCDH Antibody [NBP2-48549] - Staining of human cell line U-2 OS shows positivity in mitochondria.



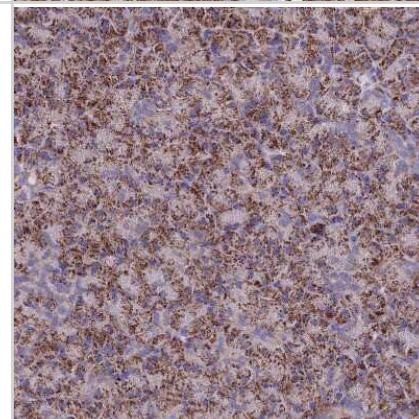
Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Staining of human testis shows moderate granular cytoplasmic positivity in Leydig cells.



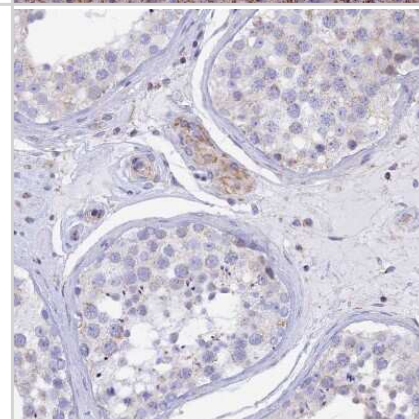
Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



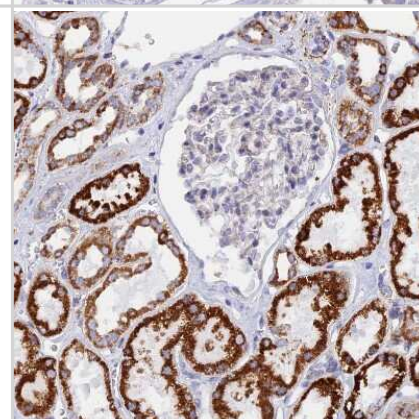
Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Staining of human pancreas shows moderate granular cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Staining of human testis shows weak granular cytoplasmic positivity.



Immunohistochemistry-Paraffin: GCDH Antibody [NBP2-48549] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.





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Products Related to NBP2-48549

NBP2-48549PEP	GCDH 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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