

Product Datasheet

HGD Antibody - BSA Free NBP2-49039

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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Updated 12/2/2025 v.20.1

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NBP2-49039

HGD Antibody - BSA Free

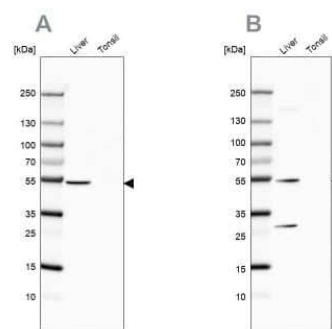
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit HGD Antibody - BSA Free (NBP2-49039) 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	3081
Gene Symbol	HGD
Species	Human
Reactivity Notes	Rat (89%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AELKYISGFGNECSSEDPRCPGSLPEGQNNPQVCPYNLYAEQLSGSAFT CPR STNKRSWL YRILPSVSHKPFESIDEGQVTHNWDEVDPDPNQ

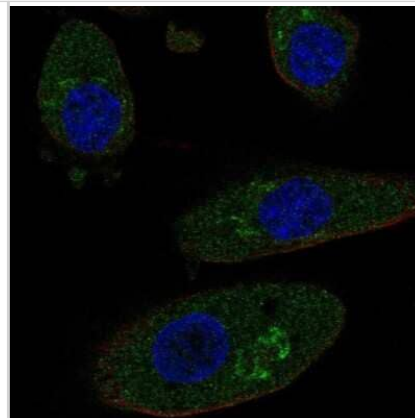
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

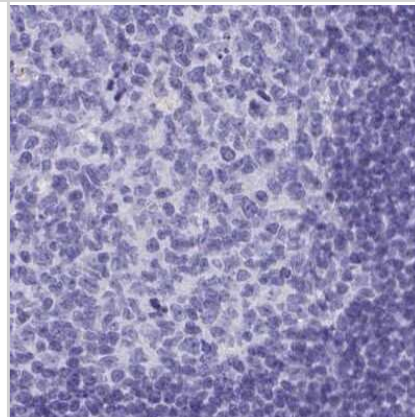
Western Blot: HGD Antibody [NBP2-49039] - Analysis using Anti-HGD antibody NBP2-49039 (A) shows similar pattern to independent antibody NBP2-33488 (B).



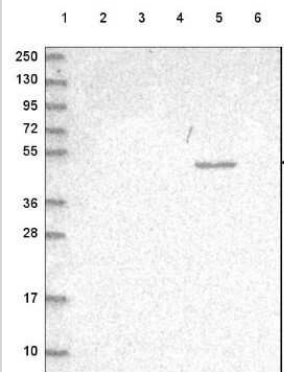
Immunocytochemistry/Immunofluorescence: HGD Antibody [NBP2-49039] - Staining of human cell line RPTEC TERT1 shows localization to the Golgi apparatus. Antibody staining is shown in green.



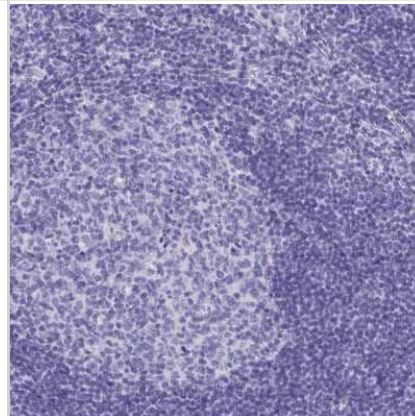
Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining of human tonsil using Anti-HGD antibody NBP2-49039.



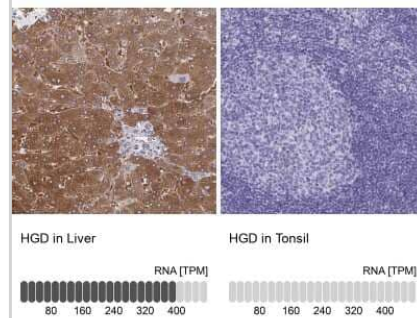
Western Blot: HGD Antibody [NBP2-49039] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10
 Lane 2: Human cell line RT-4
 Lane 3: Human cell line U-251 MG
 Lane 4: Human plasma
 Lane 5: Human Liver tissue
 Lane 6: Human Tonsil tissue



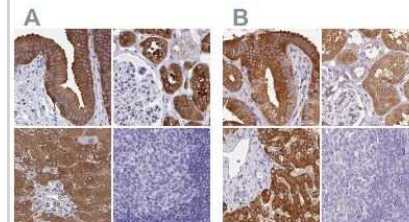
Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining of human tonsil shows low expression as expected.



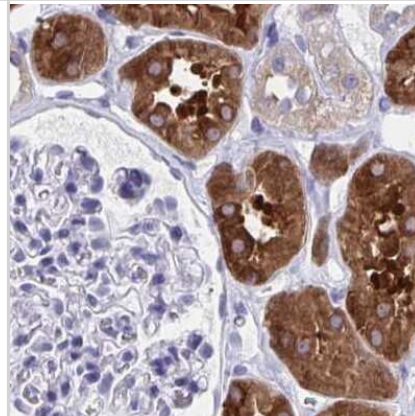
Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining in human liver and tonsil tissues using anti-HGD antibody. Corresponding HGD RNA-seq data are presented for the same tissues.



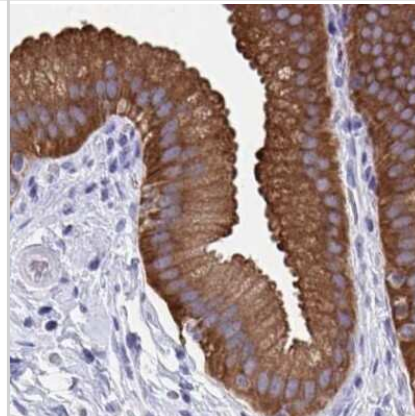
Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining of human gallbladder, kidney, liver and tonsil using Anti-HGD antibody NBP2-49039 (A) shows similar protein distribution across tissues to independent antibody NBP2-33488 (B).



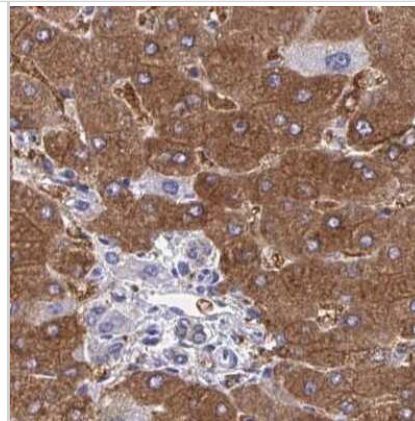
Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining of human kidney.



Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining of human gallbladder.



Immunohistochemistry-Paraffin: HGD Antibody [NBP2-49039] - Staining of human liver using Anti-HGD antibody NBP2-49039.





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Products Related to NBP2-49039

NBP2-49039PEP	HGD 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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