

Product Datasheet

GPD2 Antibody - BSA Free

NBP1-86121

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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NBP1-86121

GPD2 Antibody - BSA Free

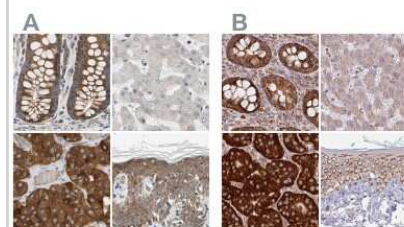
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit GPD2 Antibody - BSA Free (NBP1-86121) 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	2820
Gene Symbol	GPD2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (87%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRKQMNLAYVKAADCISEPVNREPPSREAQLLTLQNTSEFDILVIGGGATGSG

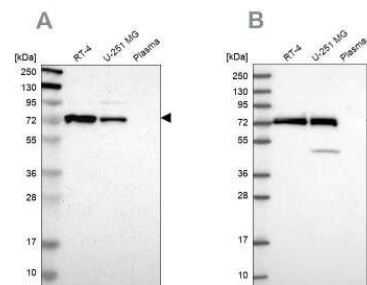
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

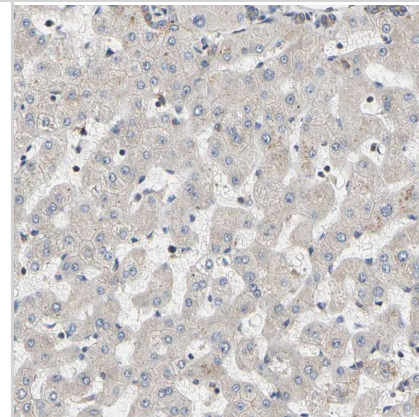
Western Blot: GPD2 Antibody [NBP1-86121] - Staining of human colon, liver, parathyroid gland and skin using Anti-GPD2 antibody NBP1-86121 (A) shows similar protein distribution across tissues to independent antibody NBP2-38542 (B).



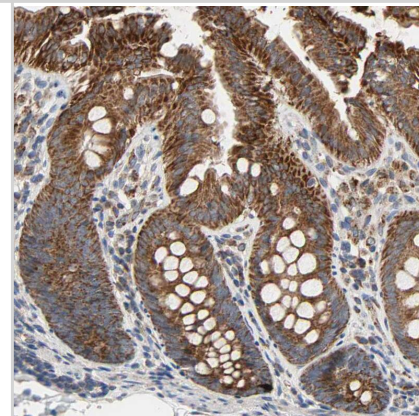
Western Blot: GPD2 Antibody [NBP1-86121] - Analysis using Anti-GPD2 antibody NBP1-86121 (A) shows similar pattern to independent antibody NBP2-38542 (B).



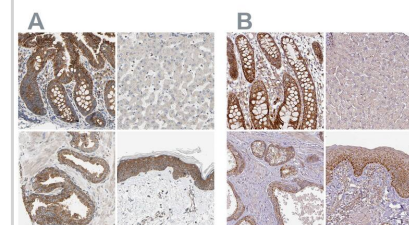
Staining of human liver shows negative to very weak cytoplasmic granular positivity in hepatocytes.



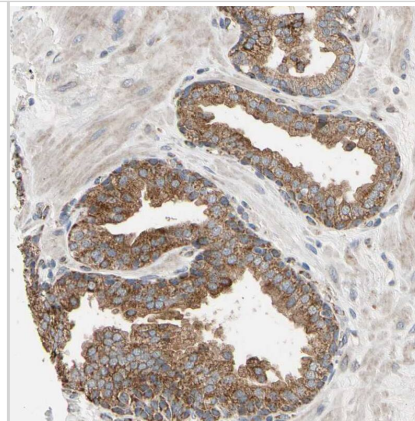
Staining of human colon shows strong cytoplasmic granular positivity in glandular cells.



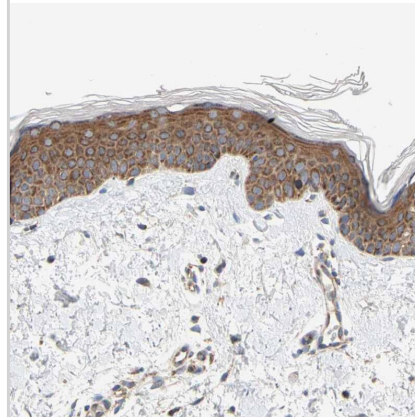
Staining of human gastrointestinal, liver, prostate and squamous epithelia using Anti-GPD2 antibody NBP1-86121 (A) shows similar protein distribution across tissues to independent antibody NBP2-38542 (B).



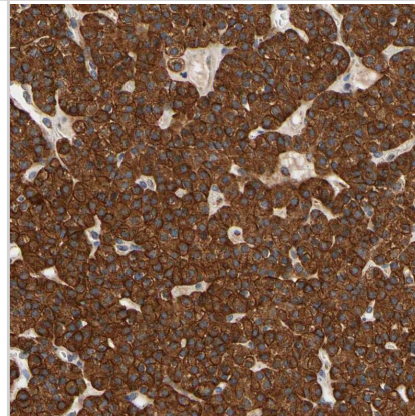
Staining of human prostate shows strong cytoplasmic granular positivity in glandular cells.



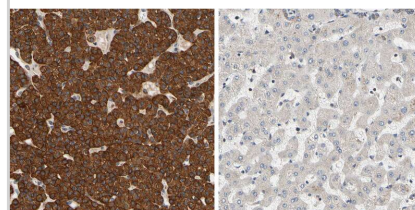
Staining of human skin shows strong cytoplasmic granular positivity in squamous epithelial cells.



Staining of human parathyroid gland shows strong cytoplasmic granular positivity in glandular cells.

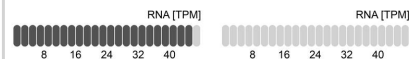


Immunohistochemistry analysis in human parathyroid gland and liver tissues using HPA008012 antibody. Corresponding GPD2 RNA-seq data are presented for the same tissues.

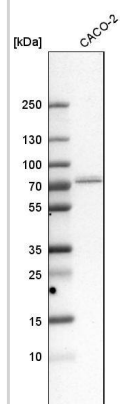


GPD2 in Parathyroid gland

GPD2 in Liver



Analysis in human cell line CACO-2.





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Products Related to NBP1-86121

NBP1-86121PEP	GPD2 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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