

# Product Datasheet

## Glucagon Antibody - BSA Free NBP2-38329

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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**NBP2-38329**

Glucagon Antibody - BSA Free

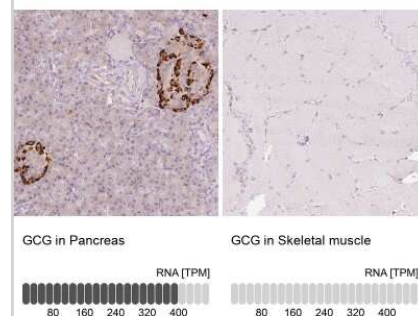
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2641
Gene Symbol	GCG
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (85%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: RSLQDTEEKSRFSASQADPLSDPDQMNE DKRHSQGTFTSDYSKYLDSRRAQ DFVQWLMNTRNRN NIAKRHDEF

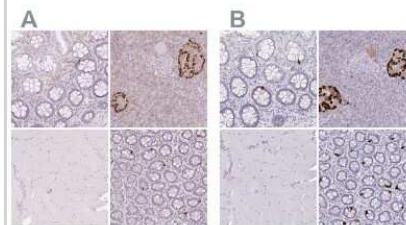
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application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

**Images**

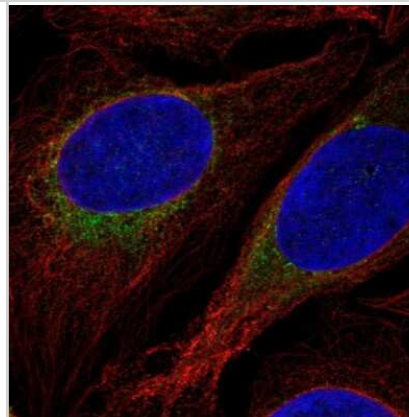
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Analysis in human pancreas and skeletal muscle tissues. Corresponding GCG RNA-seq data are presented for the same tissues.



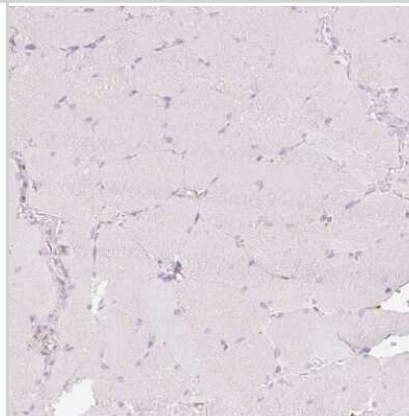
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human colon, pancreas, skeletal muscle and small intestine using Anti-GCG antibody NBP2-38329 (A) shows similar protein distribution across tissues to independent antibody NBP2-38330 (B).



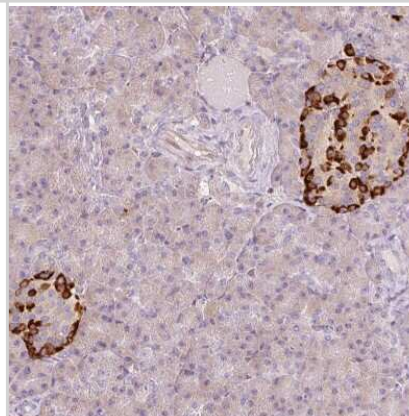
Immunocytochemistry/Immunofluorescence: Glucagon Antibody [NBP2-38329] - Staining of human cell line U-2 OS shows localization to endoplasmic reticulum. Antibody staining is shown in green.



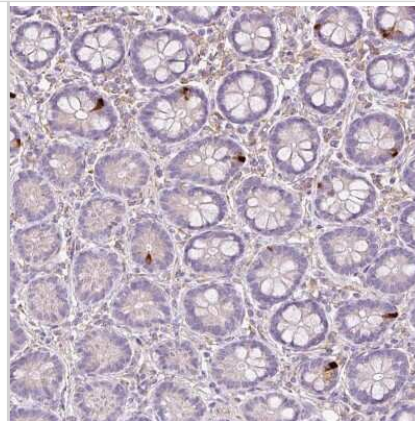
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



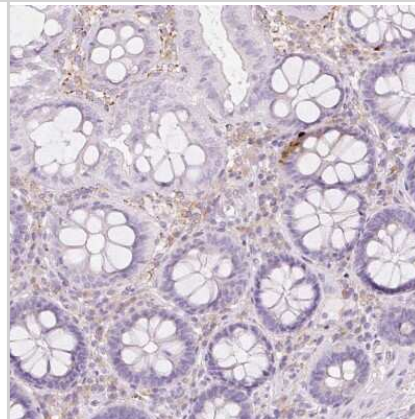
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human pancreas shows strong cytoplasmic positivity in endocrine glandular cells.



Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human small intestine shows strong cytoplasmic positivity in enteroendocrine cells.



Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human colon shows moderate cytoplasmic positivity in enteroendocrine cells.





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### **Products Related to NBP2-38329**

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NBP2-38329PEP	Glucagon Recombinant Protein Antigen
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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