

# 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.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-38329](http://www.novusbio.com/NBP2-38329)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-38329](http://www.novusbio.com/reviews/destination/NBP2-38329)



**NBP2-38329**

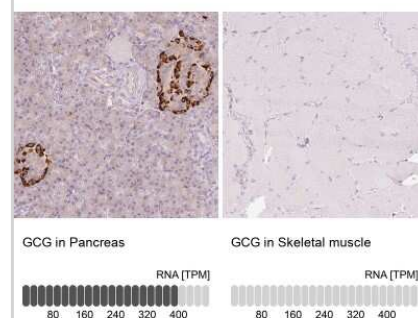
Glucagon Antibody - BSA Free

| 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         |                                                                                                                                                                                                      |
| Description                 | Novus Biologicals Rabbit Glucagon Antibody - BSA Free (NBP2-38329) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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:<br>RSLQDTEEKSRFSASQADPLSDPDQMNE DKRHSQGTFTSDYSKYLDSRRAQ<br>DFVQWLMNTKRNRRNNIAKRHDEF                          |
| Product Application Details |                                                                                                                                                                                                      |
| Applications                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                         |
| 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.                                                                                            |

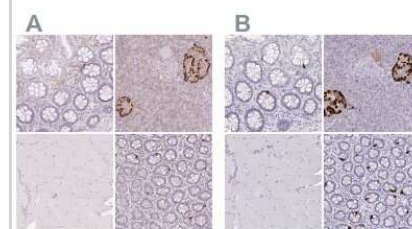


## Images

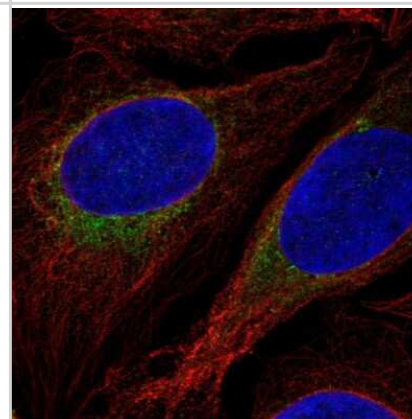
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Analysis in human pancreas and skeletal muscle tissues. Corresponding GCG RNA-seq data are presented for the same tissues.



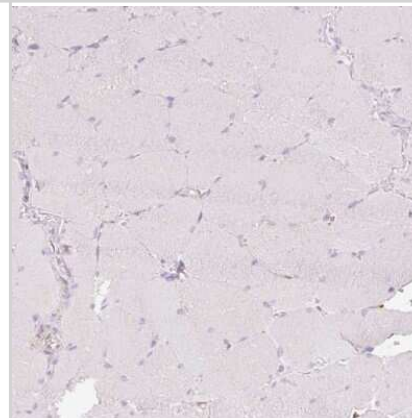
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human colon, pancreas, skeletal muscle and small intestine using Anti-GCG antibody NBP2-38329 (A) shows similar protein distribution across tissues to independent antibody NBP2-38330 (B).



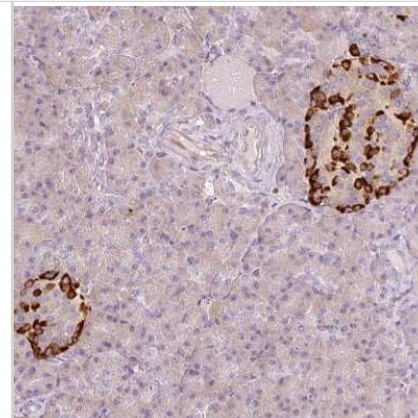
Immunocytochemistry/Immunofluorescence: Glucagon Antibody [NBP2-38329] - Staining of human cell line U-2 OS shows localization to endoplasmic reticulum. Antibody staining is shown in green.



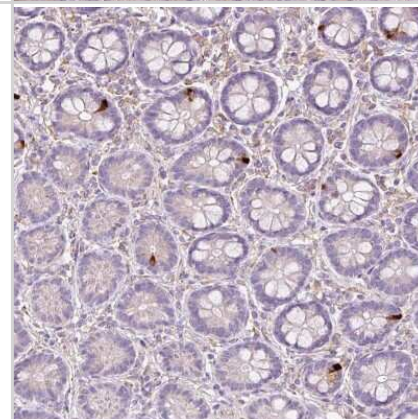
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



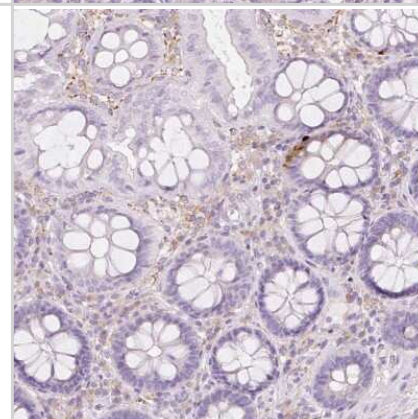
Immunohistochemistry-Paraffin: Glucagon Antibody [NBP2-38329] - Staining of human pancreas shows strong cytoplasmic positivity in endocrine glandular cells.



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.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

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

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| 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                          |

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-38329](http://www.novusbio.com/reviews/submit/NBP2-38329)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

