

Product Datasheet

Pepsinogen C/PGC/Progastricsin Antibody - BSA Free NBP1-91011

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-91011

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-91011



NBP1-91011

Pepsinogen C/PGC/Progastricsin 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

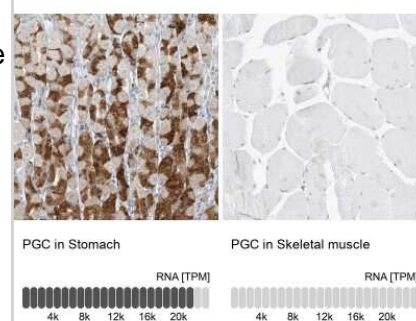
Description	Novus Biologicals Rabbit Pepsinogen C/PGC/Progastricsin Antibody - BSA Free (NBP1-91011) is a polyclonal antibody validated for use in IHC and WB. Anti-Pepsinogen C/PGC/Progastricsin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5225
Gene Symbol	PGC
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IQVPNQEFGLSENEPGTNFVYAQFDGIMGLAYPALSVDEATTAMQGMVQEGAL TSPVFSVYLSNQQGSSGGAVVFGGVDSSLYTGQI

Product Application Details

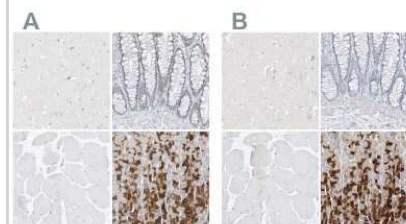
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Immunohistochemistry-Frozen
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. IHC-F reactivity reported in (PMID: 29925878).

Images

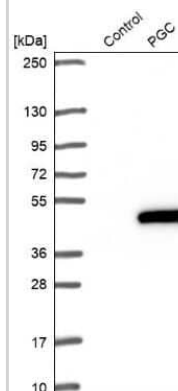
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Analysis in human stomach and skeletal muscle tissues. Corresponding PGC RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human cerebral cortex, colon, skeletal muscle and stomach using Anti-PGC antibody NBP1-91011 (A) shows similar protein distribution across tissues to independent antibody NBP1-91012 (B).



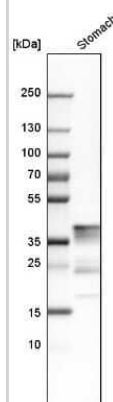
Western Blot: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Analysis in control (vector only transfected HEK293T lysate) and PGC over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



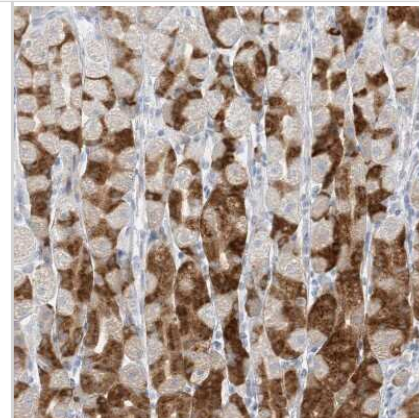
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



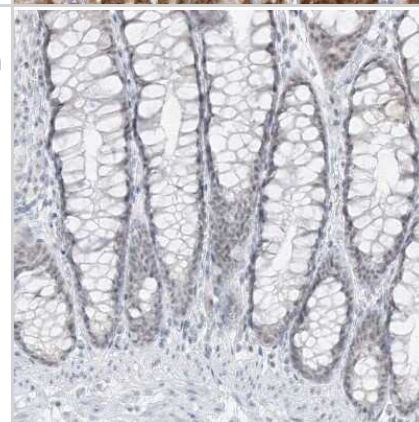
Western Blot: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Analysis in human stomach tissue.



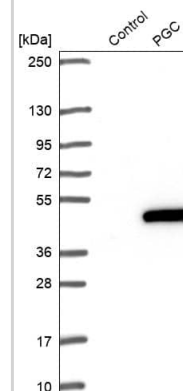
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



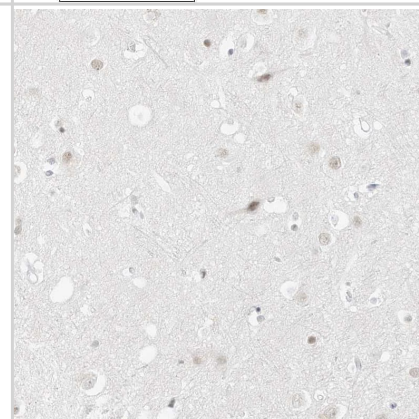
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human colon shows low positivity in glandular cells as expected.



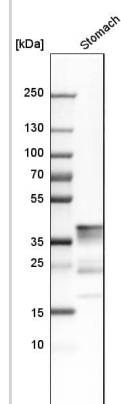
Analysis in control (vector only transfected HEK293T lysate) and PGC over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Staining of human cerebral cortex shows no positivity in neurons as expected.



Analysis in human stomach tissue.



Publications

Yu B, Lee S, Hwang B et al. Application of an organoid-based model to explore *Helicobacter pylori*– human gastric epithelium interaction in vitro *Frontiers in Cellular and Infection Microbiology* 2025-05-15 [PMID: 40444149]

Berglund E, Maaskola J, Schultz N et al. Spatial maps of prostate cancer transcriptomes reveal an unexplored landscape of heterogeneity *Nat Commun* 2018-06-20 [PMID: 29925878] (IHC-Fr, Human)





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
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-91011

NBP1-91011PEP	Pepsinogen C/PGC/Progastricsin 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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-91011

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

