

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.

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NBP1-91011

Pepsinogen C/PGC/Progastricsin Antibody - BSA Free

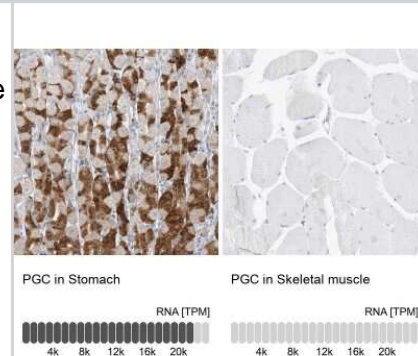
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

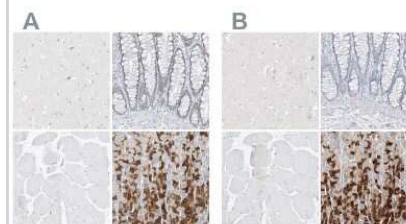
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Immunohistochemistry-Frozen
Application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

Images

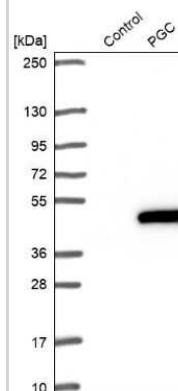
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Analysis in human stomach and skeletal muscle tissues. Corresponding PGC RNA-seq data are presented for the same tissues.



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).



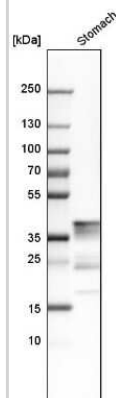
Western Blot: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Analysis in control (vector only transfected HEK293T lysate) and PGC over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



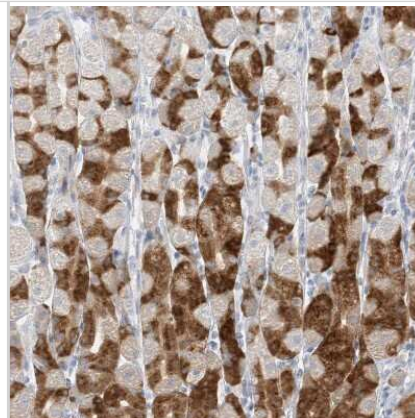
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



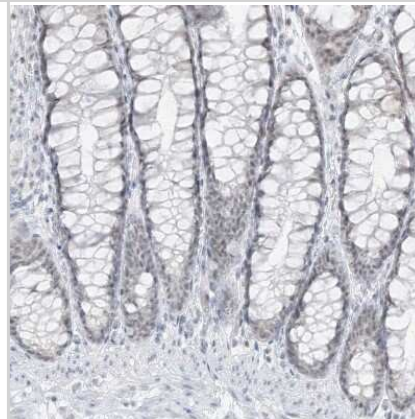
Western Blot: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Analysis in human stomach tissue.



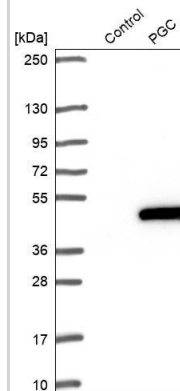
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



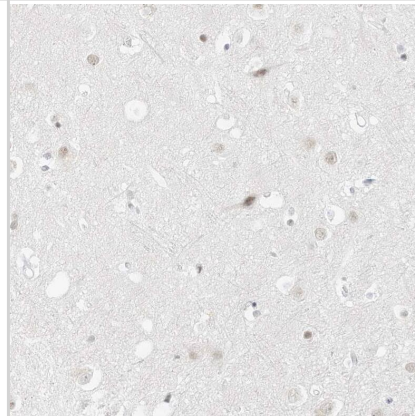
Immunohistochemistry-Paraffin: Pepsinogen C/PGC/Progastricsin Antibody [NBP1-91011] - Staining of human colon shows low positivity in glandular cells as expected.



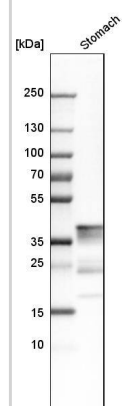
Analysis in control (vector only transfected HEK293T lysate) and PGC over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



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)



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Products Related to NBP1-91011

NBP1-91011PEP	Pepsinogen C/PGC/Progastricsin 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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