

# Product Datasheet

## **GATA-3 Antibody (CL8660) - BSA Free NBP2-88917**

Unit Size: 100 ul

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/NBP2-88917](http://www.novusbio.com/NBP2-88917)

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/NBP2-88917](http://www.novusbio.com/reviews/destination/NBP2-88917)



**NBP2-88917**

GATA-3 Antibody (CL8660) - BSA Free

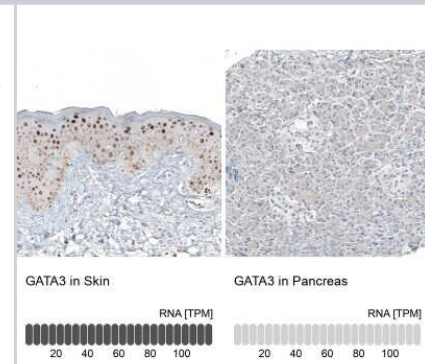
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL8660
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, pH 7.2, containing 40% glycerol

Product Description	
Description	Novus Biologicals Mouse GATA-3 Antibody (CL8660) - BSA Free (NBP2-88917) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2625
Gene Symbol	GATA3
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P23771, with the exact immunogen sequence remaining proprietary.

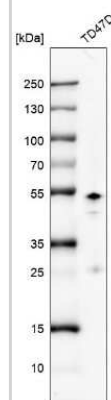
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

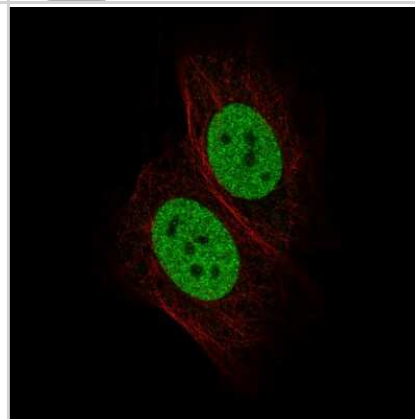
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Analysis in human skin and pancreas tissues using NBP2-88917 antibody. Corresponding GATA3 RNA-seq data are presented for the same tissues.



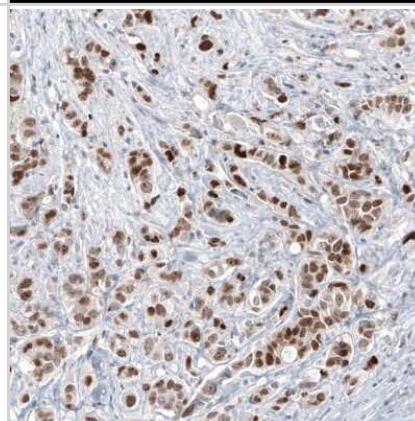
Western Blot: GATA-3 Antibody (CL8660) [NBP2-88917] - Analysis in human cell line TD47D.



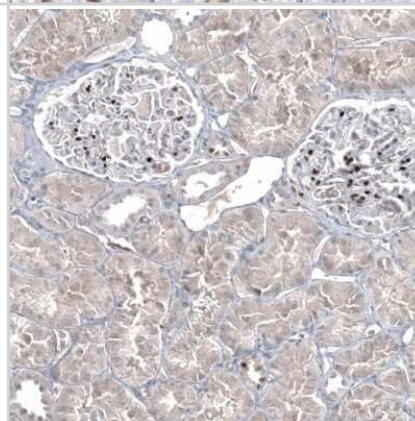
Immunocytochemistry/Immunofluorescence: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of MCF7 cells using the Anti-GATA3 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



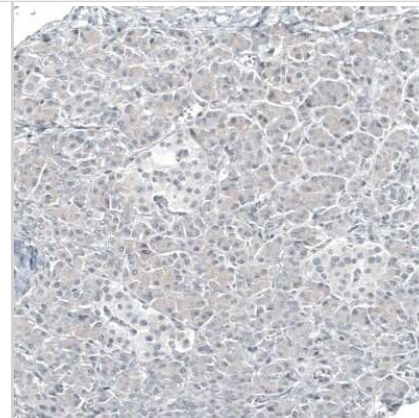
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



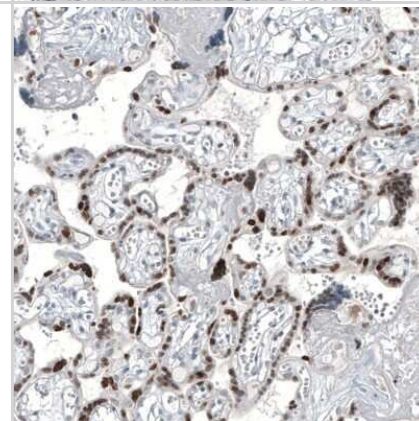
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human kidney shows strong nuclear positivity in a small subset of cells in glomeruli.



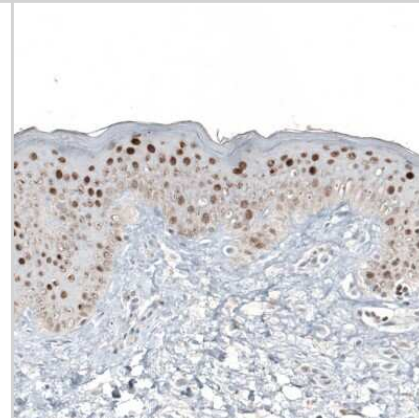
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



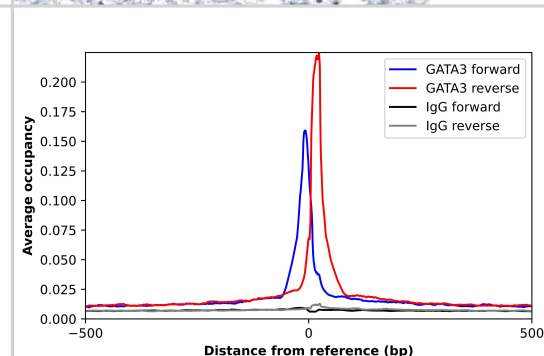
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human skin shows moderate to strong nuclear positivity in squamous epithelial cells.



ChIP-Exo-Seq composite graph for Anti-GATA3 (NBP2-88917) tested in MCF7 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





### **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  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-88917**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00002625-P02-2ug	Recombinant Human GATA-3 GST (N-Term) Protein

---

### **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/NBP2-88917](http://www.novusbio.com/reviews/submit/NBP2-88917)

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

