

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.

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NBP2-88917

GATA-3 Antibody (CL8660) - BSA Free

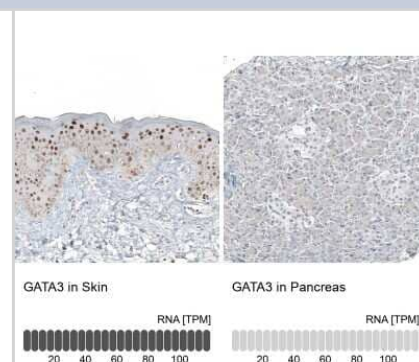
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL8660
Preservative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

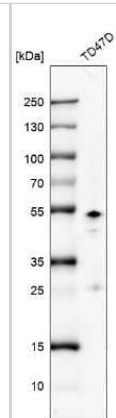
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 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

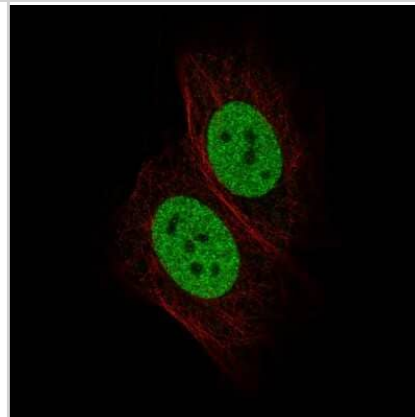
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Analysis in human skin and pancreas tissues using NBP2-88917 antibody. Corresponding GATA3 RNA-seq data are presented for the same tissues.



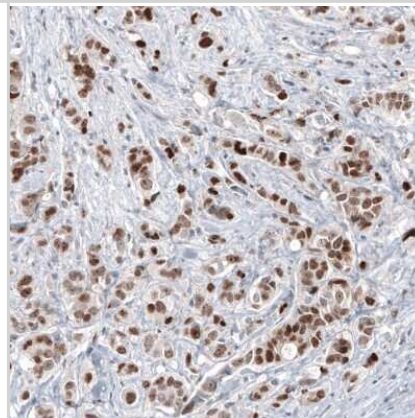
Western Blot: GATA-3 Antibody (CL8660) [NBP2-88917] - Analysis in human cell line TD47D.



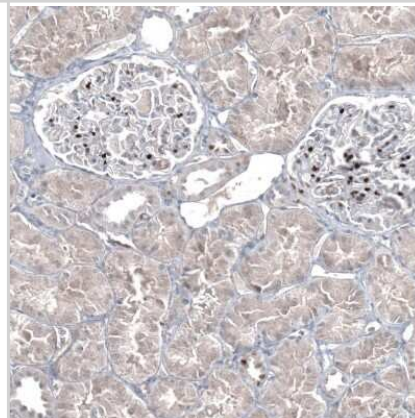
Immunocytochemistry/Immunofluorescence: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of MCF7 cells using the Anti-GATA3 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



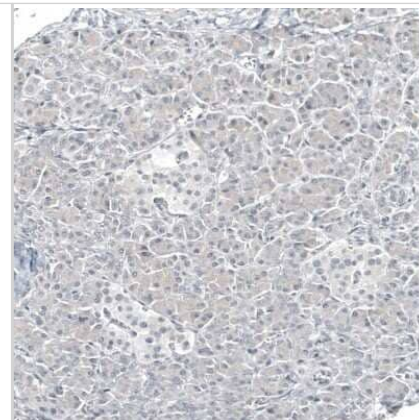
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



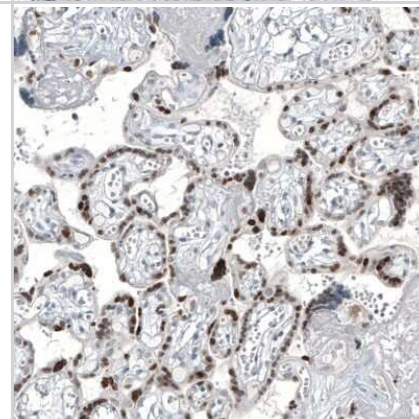
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human kidney shows strong nuclear positivity in a small subset of cells in glomeruli.



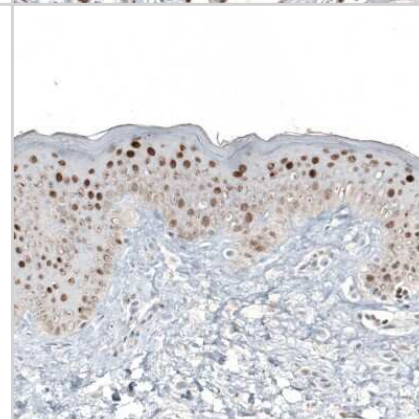
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



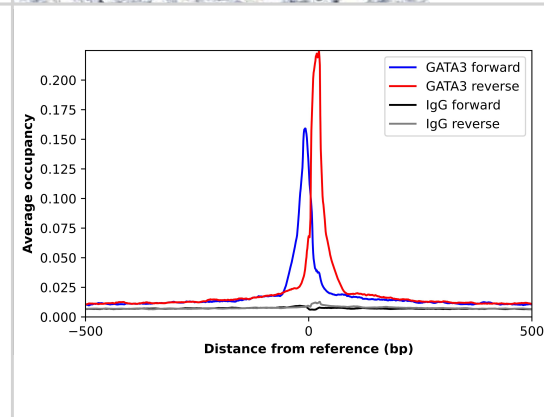
Immunohistochemistry-Paraffin: GATA-3 Antibody (CL8660) [NBP2-88917] - Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



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.





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Products Related to NBP2-88917

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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