

# Product Datasheet

## A4GNT Antibody - BSA Free

### NBP1-89129

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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#### Publications: 1

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**NBP1-89129**

A4GNT 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

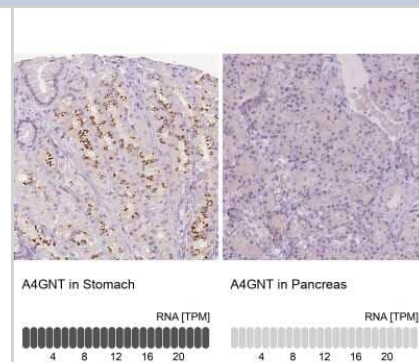
Product Description	
Description	Novus Biologicals Rabbit A4GNT Antibody - BSA Free (NBP1-89129) is a polyclonal antibody validated for use in IHC. Anti-A4GNT Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51146
Gene Symbol	A4GNT
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:32025032).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NFVEHYNSAIWGNQGPPELMTRMLRVWCKLEDFQEVSDLRCLNISFLHPQRFYP ISYREWRRYYEVWDTEPSFNVSALHLWNHMQEGRAVIRGSNTLVENLYRK HCPRTYRDLIKGPEGSVTGELG

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

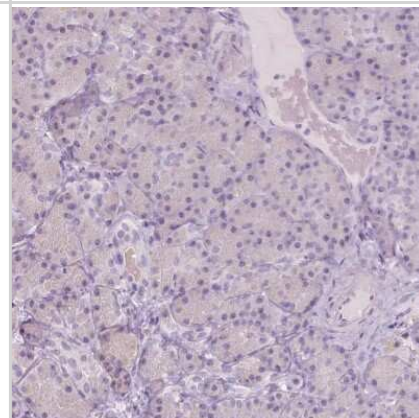


## Images

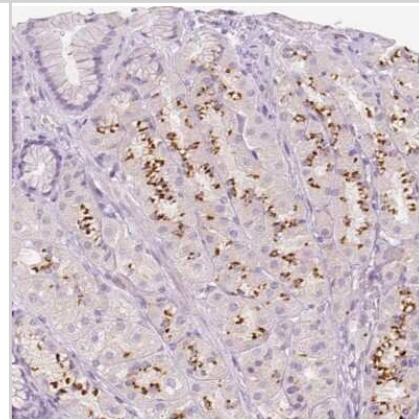
Immunohistochemistry-Paraffin: A4GNT Antibody [NBP1-89129] - Staining in human stomach and pancreas tissues using anti-A4GNT antibody. Corresponding A4GNT RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: A4GNT Antibody [NBP1-89129] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: A4GNT Antibody [NBP1-89129] - Staining of human stomach shows high expression.



## Publications

Tan SH, Swathi Y, Tan S et al. AQP5 enriches for stem cells and cancer origins in the distal stomach Nature 2020-02-05 [PMID: 32025032] (IHC-P, Human, Mouse)



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### **Products Related to NBP1-89129**

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NBP1-89129PEP	A4GNT 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

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### **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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