

# Product Datasheet

## GNAT3 Antibody NBP1-20926

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 3

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**NBP1-20926**

## GNAT3 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat GNAT3 Antibody (NBP1-20926) is a polyclonal antibody validated for use in IHC and ELISA. Anti-GNAT3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	346562
Gene Symbol	GNAT3
Species	Human
Immunogen	Peptide with sequence C-KNQFLDLNLKKEDKE corresponding to internal region according to NP_001095856.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3 - 6 ug/ml, Immunohistochemistry-Paraffin 3 - 6 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave an approx. 27 kDa band in human colon and testis lysates and in cell lines NIH 3T3, A431 and Kelly after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 40.4 kDa band according to NP_001095856.1. The 27 kDa band was successfully blocked by incubation with the immunizing peptide.

**Images**

Immunohistochemistry-Paraffin: GNAT3 Antibody [NBP1-20926] - (3.8ug/ml) staining of Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Shah VS, Hou J, Vinarsky V et al. Autofluorescence imaging permits label-free cell type assignment and reveals the dynamic formation of airway secretory cell associated antigen passages (SAPs) eLife 2023-03-30 [PMID: 36994985]

Vercauteren Drubbel A, Beck B Single-cell transcriptomics uncovers the differentiation of a subset of murine esophageal progenitors into taste buds in vivo Science advances 2023-03-10 [PMID: 36888721]  
(Immunohistochemistry-Frozen, Mouse)

Jang HJ, Kokrashvili Z, Theodorakis MJ et al. Gut-expressed gustducin and taste receptors regulate secretion of glucagon-like peptide-1. Proc Natl Acad Sci U S A 2007-09-18 [PMID: 17724330]





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### Products Related to NBP1-20926

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP3-24879PEP	GNAT3 Recombinant Protein Antigen

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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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