

# Product Datasheet

## GAL3ST1 Antibody - BSA Free

### NBP1-85431

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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Updated 12/2/2025 v.20.1

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**NBP1-85431**

GAL3ST1 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

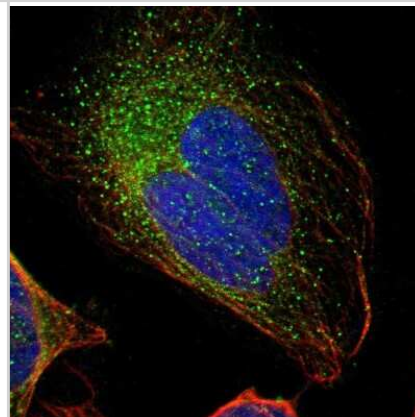
Product Description	
<b>Description</b>	Novus Biologicals Rabbit GAL3ST1 Antibody - BSA Free (NBP1-85431) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-GAL3ST1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9514
<b>Gene Symbol</b>	GAL3ST1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (87%). Reactivity reported in scientific literature (PMID: 22114039)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LLNILFRFGQKHRLKFAFPNGRNDFDYPTFFARSLVQDYRPGACFNIICNHMRF HYDEVRLVPTNAIFITVLRDPARLFESSFHYFGPVVPLTWKLSAGDKLTEFLQ DPDRYYDPNGFNAHYLRNLLFFDLGYDNSLDPSSPQVQEHL

Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

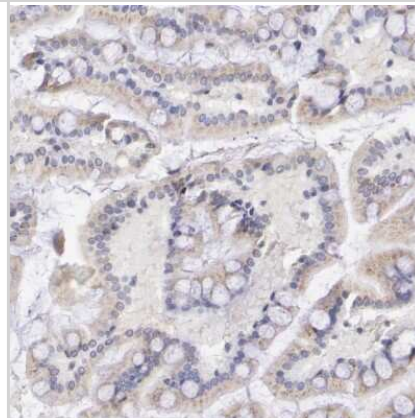


## Images

Immunocytochemistry/Immunofluorescence: GAL3ST1 Antibody [NBP1-85431] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: GAL3ST1 Antibody [NBP1-85431] - Staining of human small intestine shows granular cytoplasmic positivity in glandular cells.



## Publications

Kiebish MA, Young DM, Lehman JJ, Han X. Chronic caloric restriction attenuates a loss of sulfatide content in PGC-1alpha<sup>-/-</sup> mouse cortex: a potential lipidomic role of PGC-1alpha in neurodegeneration. *J Lipid Res* 2012-02-01 [PMID: 22114039]



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### **Products Related to NBP1-85431**

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NBP1-85431PEP	GAL3ST1 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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