

# Product Datasheet

## Galanin Antibody - BSA Free

### NBP2-33582

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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**NBP2-33582**

Galanin 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

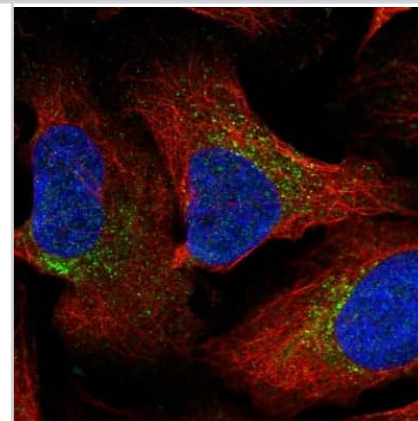
<b>Host</b>	Rabbit
<b>Gene ID</b>	51083
<b>Gene Symbol</b>	GAL
<b>Species</b>	Human, Monkey
<b>Reactivity Notes</b>	Reactivity in monkey reported in scientific literature (PMID: 2967776).
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: GPHAVGNHRSFSDKNGLTSKRELRPEDDMKPGSFDRSIPENNIMRTIIEFLSFL HLKEAGALDRLLDLPAASSEDIER

**Product Application Details**

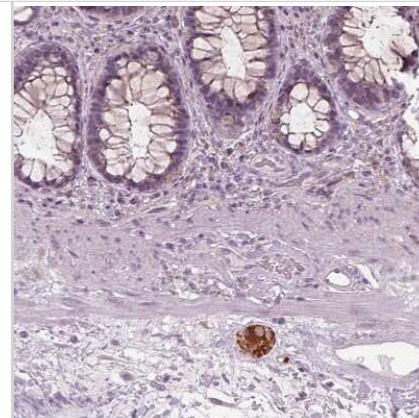
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

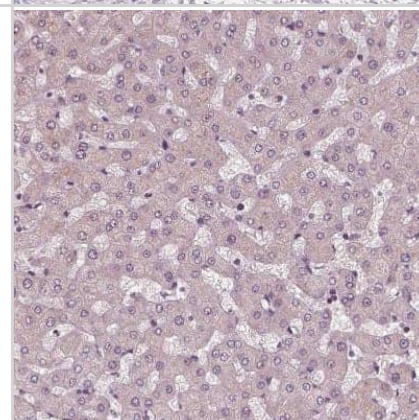
Immunocytochemistry/Immunofluorescence: Galanin Antibody [NBP2-33582] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



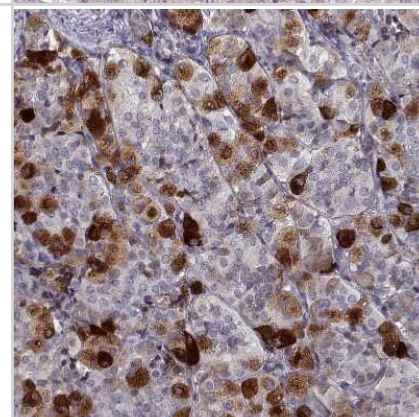
Immunohistochemistry-Paraffin: Galanin Antibody [NBP2-33582] - Staining of human rectum shows moderate cytoplasmic positivity in peripheral nerve / ganglion.



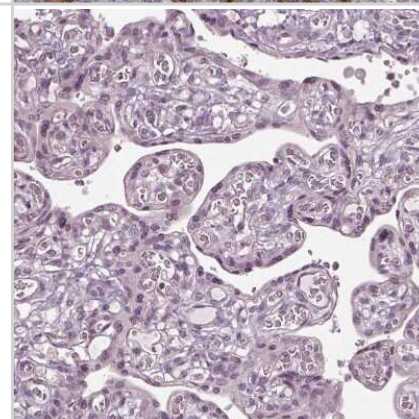
Immunohistochemistry-Paraffin: Galanin Antibody [NBP2-33582] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Galanin Antibody [NBP2-33582] - Staining of human pituitary gland shows moderate to strong cytoplasmic positivity in endocrine glandular cells.



Immunohistochemistry-Paraffin: Galanin Antibody [NBP2-33582] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



## Publications

Ananya G and C B Ganesh Organization of the galaninergic neuronal system in the brain of the gecko *Hemidactylus frenatus* Neuropeptides 2023-02-01 [PMID: 36459764] (IHC-Fr, Reptile)

Details:

Species is specifically *H. frenatus*, or the adult house gecko.

Ferrin J, Ebersole JL, Kirakodu S et al. Gene expression analysis of neuropeptides in oral mucosa during periodontal disease in nonhuman primates. *J. Periodontol.* 2018-04-20 [PMID: 29676776] (Monkey)





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### **Products Related to NBP2-33582**

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NBP2-33582PEP	Galanin 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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