

Product Datasheet

Galanin R2/GALR2 Antibody

NLS4155

Unit Size: 0.05 mg

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

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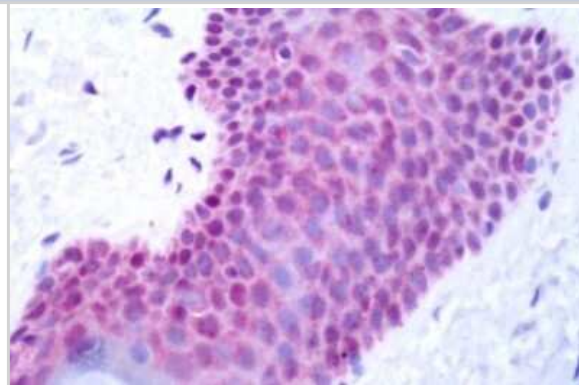
NLS4155**Galanin R2/GALR2 Antibody**

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	8811
Gene Symbol	GALR2
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Gorilla (94%), Gibbon (83%).
Specificity/Sensitivity	Human GALR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except RBM14 (44%).
Immunogen	Synthetic 18 amino acid peptide from C-terminus of human GALR2.
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1:10-1:500

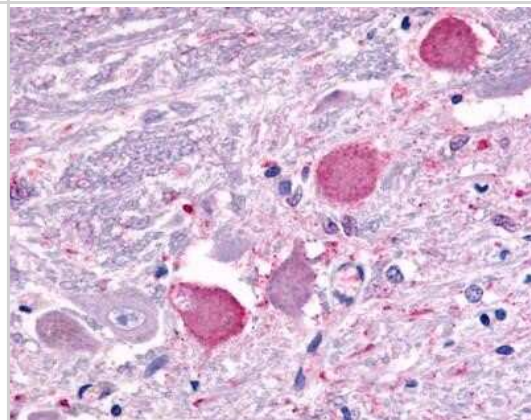


Images

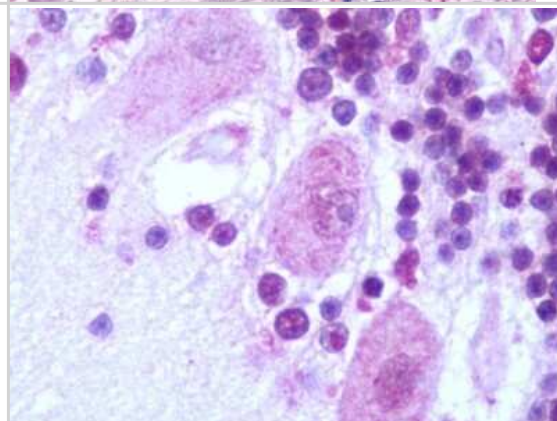
Immunohistochemistry-Paraffin: Galanin R2/GALR2 Antibody [NLS4155]
- Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry-Paraffin: Galanin R2/GALR2 Antibody [NLS4155]
- Analysis of anti-GALR2 antibody with human brain, neurons and glia.



Immunohistochemistry-Paraffin: Galanin R2/GALR2 Antibody [NLS4155]
- Analysis of anti-GALR2 antibody with human brain, cerebellum.



Procedures

Immunohistochemistry Protocol for Galanin Receptor GalR2 Antibody (NLS4155)

Immunohistochemistry Protocol for Galanin Receptor GalR2 Antibody (NLS4155):

Immunohistochemistry

1. Prepare tissue with formalin fixation and by embedding it in paraffin wax.
 2. Make 4-mm sections and place on pre-cleaned and charged microscope slides.
 3. Heat in a tissue-drying oven for 45 minutes @ 60 degrees Celcius.
 4. Deparaffinize the tissues by wash drying the slides in 3 changes of xylene 5 minutes each @ RT.
 5. Rehydrate the tissues by washing the slides in 3 changes of 100% alcohol 3 minutes each @ RT.
 6. Wash the slides in 2 changes of 95% alcohol 3 minutes each @ RT.
 7. Wash the slides in 1 change of 80% alcohol 3 minutes @ RT.
 8. Rinse the slides in gentle running distilled water 5 minutes @ RT.
 9. Perform antigen retrieval by steaming the slides in 0.01M sodium citrate buffer (pH 6.0) @ 99-100 degrees Celcius for 20 minutes.
 10. Remove the slides from the heat and let stand in buffer @ RT for 20 minutes.
 11. Rinse the slides in 1X TBS-T for 1 minute @ RT.
- **Do not allow the tissues to dry at any time during the staining procedure****
12. Begin the immunostaining by applying a universal protein block 20 minutes @ RT.
 13. Drain protein block from the slides and apply the diluted primary antibody 45 minutes @ RT.
 14. Rinse the slide in 1X TBS-T 1 minute @ RT.
 15. Apply a biotinylated anti-rabbit IgG (H+L) secondary 30 minutes @ RT.
 16. Rinse the slide in 1X TBS-T 1 minute @ RT.
 17. Apply an alkaline phosphatase streptavidin 30 minutes @ RT.
 18. Rinse the slide in 1X TBS-T 1 minute @ RT.
 19. Apply an alkaline phosphatase chromagen substrate 30 minutes @ RT.
 20. Rinse the slide in distilled water 1 minute @ RT.
- **This method should only be used if the chromagen substrate is alcohol insoluble (ie: Vector Red, DAB)****
21. Dehydrate the tissue by washing the slides in 2 changes of 80% alcohol 1 minute each @ RT.
 22. Wash the slides in 2 changes of 95% alcohol 1 minute each @ RT.
 23. Wash the slides in 3 changes of 100% alcohol 1 minute each @ RT.
 24. Wash the slides in 3 changes of xylene 1 minute each @ RT.
 25. Apply cover slip.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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