

Product Datasheet

GPR119 Antibody - BSA Free NLS548

Unit Size: 0.05 ml

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

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NLS548

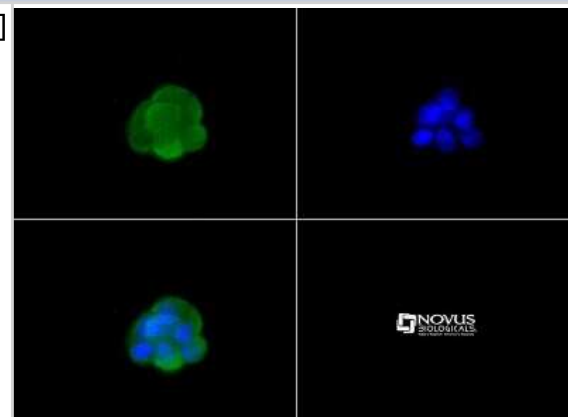
GPR119 Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol
Product Description	
Host	Rabbit
Gene ID	139760
Gene Symbol	GPR119
Species	Human, Mouse
Reactivity Notes	Immunogen sequence has 88% identity to rat.
Immunogen	A synthetic peptide made to an internal region of the human GPR119 protein (within residues 150-250). [Swiss-Prot Q8TDV5]
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:100
Application Notes	This GPR119 antibody is useful for Immunohistochemistry paraffin embedded sections and Immunocytochemistry/Immunofluorescence. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

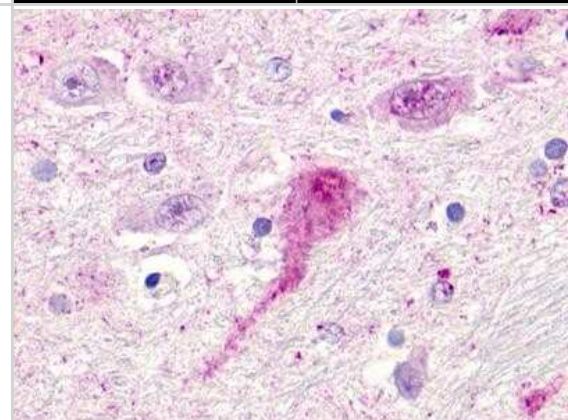


Images

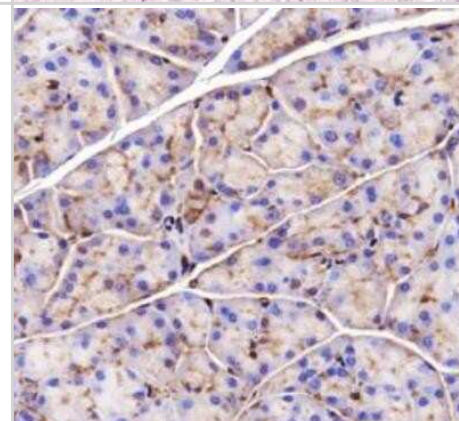
Immunocytochemistry/Immunofluorescence: GPR119 Antibody [NLS548]
- GPR119 antibody was tested in MCF-7 cells with Dylight 488 (green).
Nuclei were counterstained with DAPI (blue).



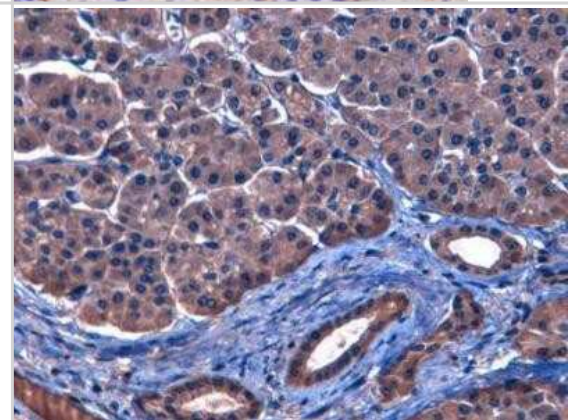
Immunohistochemistry: GPR119 Antibody [NLS548] - Staining of human brain, neuron.



Immunohistochemistry: GPR119 Antibody [NLS548] - Analysis of GPR119 in mouse pancreas using DAB with hematoxylin counterstain.



Immunohistochemistry: GPR119 Antibody [NLS548] - Analysis of GPR119 in human pancreas using Fast Red with hematoxylin counterstain.



Procedures

Protocol specific for GPCR GPR119 Antibody (NLS548)

GPR119 Antibody:

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 for 5 minutes each @ RT.
 5. Rehydrate the tissues by washing the slides in 3 changes of 100% alcohol for 3 minutes each @ RT.
 6. Wash the slides in 2 changes of 95% alcohol for 3 minutes each @ RT.
 7. Wash the slides in 1 change of 80% alcohol for 3 minutes @ RT.
 8. Rinse the slides in gentle running distilled water for 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 for 20 minutes @ RT.
 13. Drain protein block from the slides and apply the diluted primary antibody for 45 minutes @ RT.
 14. Rinse the slide in 1X TBS-T for 1 minute @ RT.
 15. Apply a biotinylated anti-rabbit IgG (H+L) secondary for 30 minutes @ RT.
 16. Rinse the slide in 1X TBS-T for 1 minute @ RT.
 17. Apply an alkaline phosphatase streptavidin for 30 minutes @ RT.
 18. Rinse the slide in 1X TBS-T for 1 minute @ RT.
 19. Apply an alkaline phosphatase chromagen substrate for 30 minutes @ RT.
 20. Rinse the slide in distilled water for 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 for 1 minute each @ RT.
 22. Wash the slides in 2 changes of 95% alcohol for 1 minute each @ RT.
 23. Wash the slides in 3 changes of 100% alcohol for 1 minute each @ RT.
 24. Wash the slides in 3 changes of xylene for 1 minute each @ RT.
 25. Apply cover slip.



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Products Related to NLS548

NBL1-11245	GPR119 Overexpression Lysate
NLS548PEP-0.1mg	GPR119 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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