

Product Datasheet

GIPR Antibody - BSA Free NLS1251

Unit Size: 0.05 ml

Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.

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Publications: 4

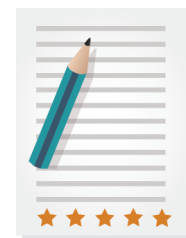
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NLS1251

GIPR Antibody - BSA Free

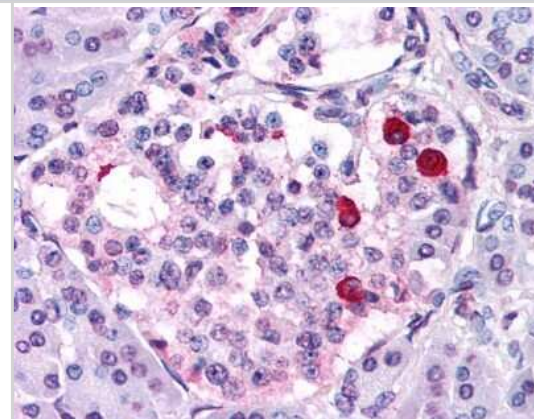
Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Keep as concentrated solution. Aliquot and store at -20C or below. Avoid multiple freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	Product can be stored undiluted at 4C for up to 1 month.
Host	Rabbit
Gene ID	2696
Gene Symbol	GIPR
Species	Human, Mouse, Rat
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Gorilla (100%), Marmoset (95%), Canine (89%), Hamster (89%), Rabbit (84%). Rat reactivity reported in scientific literature (PMID: 26041107). Mouse reactivity reported in scientific literature (PMID: 29275960).
Specificity/Sensitivity	Human GIPR. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GHRHR (100%).
Immunogen	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human GIPR.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 8 - 21 ug/ml
Application Notes	Use in Western blot reported in scientific literature (PMID: 26041107).

Images

Immunohistochemistry-Paraffin: GIPR Antibody [NLS1251] - Analysis of anti-GIPR antibody with human pancreas.



Publications

Ussher JR, Campbell JE, Mulvihill EE et al. Inactivation of the Glucose-Dependent Insulinotropic Polypeptide Receptor Improves Outcomes following Experimental Myocardial Infarction. *Cell Metab.* 2017-12-20 [PMID: 29275960] (Mouse)

Snook LA, Nelson EM, Dyck DJ et al. Glucose-dependent insulinotropic polypeptide directly induces glucose transport in rat skeletal muscle *Am. J. Physiol. Regul. Integr. Comp. Physiol.* 2015 Jun 03 [PMID: 26041107] (WB, Rat)

Gao L, Coope H, Grant S et al. ABIN1 protein cooperates with TAX1BP1 and A20 proteins to inhibit antiviral signaling. *J Biol Chem* 2011-10-21 [PMID: 21885437]

Kim SJ, Nian C, McIntosh CH. Adipocyte expression of the glucose-dependent insulinotropic polypeptide receptor involves gene regulation by PPARgamma and histone acetylation. *J Lipid Res* 2011-04-01 [PMID: 21245029] (Mouse)



Procedures

Immunohistochemistry Protocol for Gastric Inhibitory Polypeptide Receptor Antibody (NLS1251)

Immunohistochemistry Protocol for Gastric Inhibitory Polypeptide Receptor Antibody (NLS1251):

Immunohistochemistry

1. Prepare tissue with formalin fixation and by embedding it in paraffin wax.
2. Make 4 um 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 NLS1251

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DBD00	BDNF [HRP]

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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