

Product Datasheet

SF-1/NR5A1/Steroidogenic Factor 1 Antibody - BSA Free NLS5377

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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NLS5377**SF-1/NR5A1/Steroidogenic Factor 1 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	2516
Gene Symbol	NR5A1
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Gorilla (100%), Gibbon (100%), Monkey (88%), Sheep (88%), Bovine (88%), Rabbit (88%), Opossum (81%).
Specificity/Sensitivity	Human NR5A1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Immunogen	Synthetic 16 amino acid peptide from ligand-binding domain of human SF-1/NR5A1/Steroidogenic Factor 1.

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 7 ug/ml

Images

Immunohistochemistry-Paraffin: SF-1/NR5A1/Steroidogenic Factor 1 Antibody [NLS5377] - Analysis of anti-NR5A1 antibody with human brain, caudate.



Procedures

Immunohistochemistry Protocol for Steroidogenic Factor 1 Antibody (NLS5377)

Immunohistochemistry Protocol for Steroidogenic Factor 1 Antibody (NLS5377):

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 - 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 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 - 5 minutes @ RT.
9. Perform antigen retrieval by steaming the slides in 0.01M sodium citrate buffer (pH 6.0) - 20 minutes @ 99-100 degrees Celcius.
10. Remove the slides from the heat and let stand in buffer - 20 minutes @ RT.
11. Rinse the slides in 1X TBS-T - 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 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 -?? 1 minute each @ RT.
25. Apply cover slip.

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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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