

Product Datasheet

SHP/NR0B2/Nuclear Receptor SHP Antibody - BSA Free NLS5411

Unit Size: 0.05 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NLS5411

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NLS5411



NLS5411**SHP/NR0B2/Nuclear Receptor SHP 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

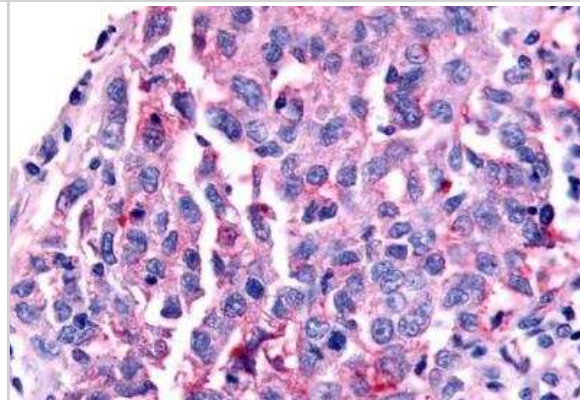
Product Description	
Description	Product can be stored undiluted at 4C for up to 1 month.
Host	Rabbit
Gene ID	8431
Gene Symbol	NR0B2
Species	Human, Mouse, Rat, Hamster, Primate, Monkey, Rabbit
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 18586688). Predicted cross-reactivity based on sequence identity: Gorilla (100%), Gibbon (100%), Marmoset (100%), Equine (88%), Porcine (88%), Opossum (88%), Canine (81%).
Specificity/Sensitivity	Human SHP/SHP/NR0B2/Nuclear Receptor SHP/Nuclear Receptor SHP. 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 SHP/NR0B2/Nuclear Receptor SHP.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 4 ug/ml

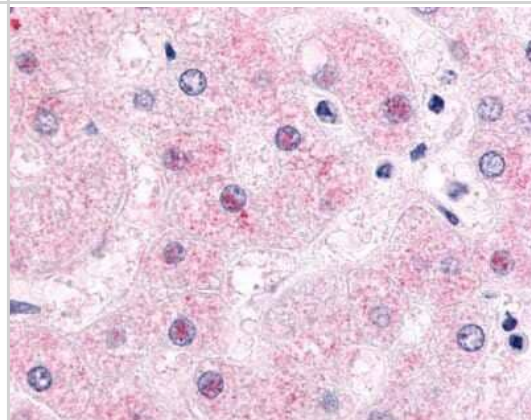


Images

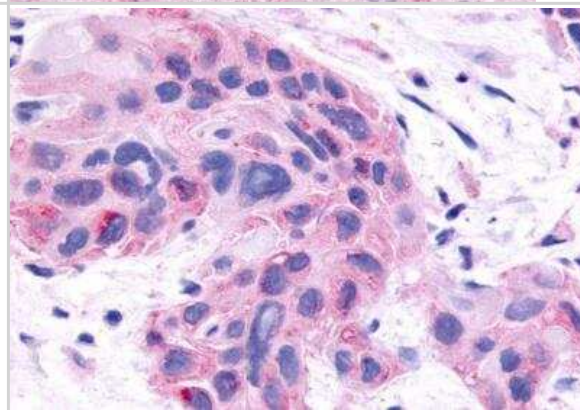
Immunohistochemistry-Paraffin: SHP/NR0B2/Nuclear Receptor SHP Antibody [NLS5411] - Breast, carcinoma



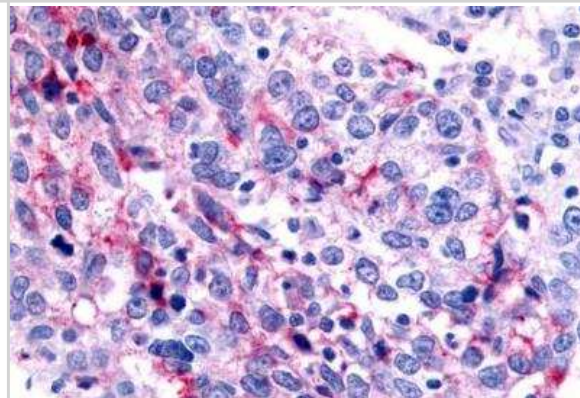
Immunohistochemistry-Paraffin: SHP/NR0B2/Nuclear Receptor SHP Antibody [NLS5411] - Analysis of anti-NR0B2 antibody with human liver, hepatocytes.



Immunohistochemistry-Paraffin: SHP/NR0B2/Nuclear Receptor SHP Antibody [NLS5411] - Pancreas, carcinoma



Immunohistochemistry-Paraffin: SHP/NR0B2/Nuclear Receptor SHP Antibody [NLS5411] - Ovary, carcinoma



Publications

He N, Park K, Zhang Y et al. Epigenetic inhibition of nuclear receptor small heterodimer partner is associated with and regulates hepatocellular carcinoma growth. *Gastroenterology*. 2008-03-01 [PMID: 18325392] (IHC-P)

Details:

IHC (p): Fig 1A (human hepatocellular carcinoma).

Takahashi M, Shibutani M, Woo GH et al. Cellular distributions of molecules with altered expression specific to the tumor promotion process from the early stage in a rat two-stage hepatocarcinogenesis model. *Carcinogenesis*. 2008-11-01 [PMID: 18586688] (IHC-P, Rat)

Details:

IHC (p): rat liver and two-stage hepatocarcinogenesis model, Figs 1B, 2-4.



Procedures

Immunohistochemistry Protocol for Nuclear Receptor SHP Antibody (NLS5411)

Immunohistochemistry Protocol for Nuclear Receptor SHP Antibody (NLS5411):

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.





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

Products Related to NLS5411

NBL1-13765	SHP/NR0B2/Nuclear Receptor SHP Overexpression Lysate
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NLS5411

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

