

Product Datasheet

SP8 Antibody - BSA Free NBP2-49109

Unit Size: 0.1 ml

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

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NBP2-49109

SP8 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

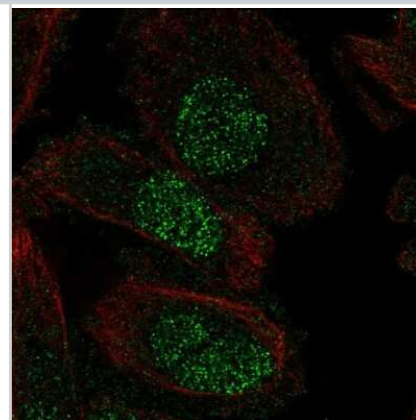
Host	Rabbit
Gene ID	221833
Gene Symbol	SP8
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:32783944).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: HPYESWFKPSHPGLGAAGEVGSAGASSWWDVGAGWIDVQNPNSA

Product Application Details

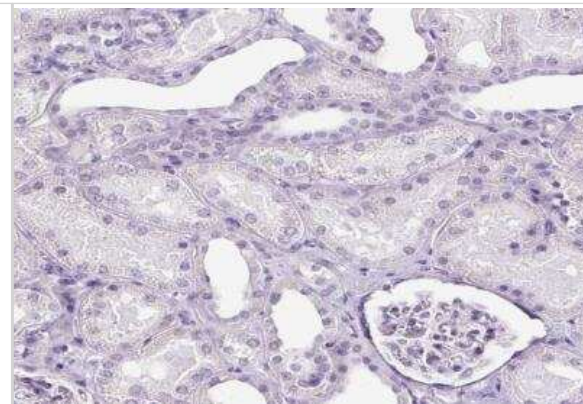
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

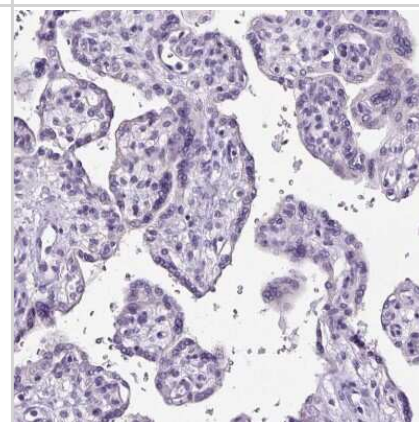
Immunocytochemistry/Immunofluorescence: SP8 Antibody [NBP2-49109] - Staining of human cell line PC-3 shows localization to nucleus. Antibody staining is shown in green.



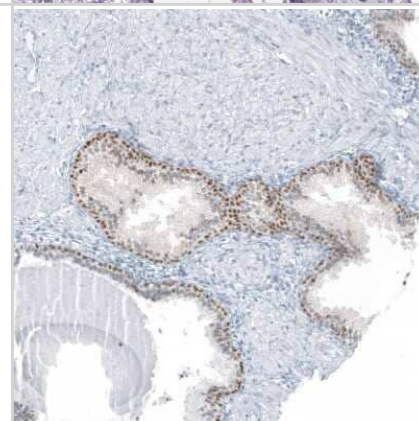
Immunohistochemistry-Paraffin: SP8 Antibody [NBP2-49109] - Staining of human kidney shows no positivity in cells in tubules as expected.



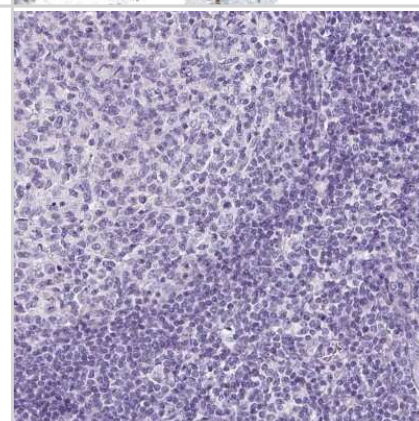
Immunohistochemistry-Paraffin: SP8 Antibody [NBP2-49109] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: SP8 Antibody [NBP2-49109] - Staining of human prostate shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SP8 Antibody [NBP2-49109] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Publications

Borrett MJ Single Cell Transcriptional Approaches to Understanding the Life of Mammalian Neural Stem Cells Thesis 2021-01-01

Borrett MJ, Innes BT, Jeong D et al. Single-Cell Profiling Shows Murine Forebrain Neural Stem Cells Reacquire a Developmental State when Activated for Adult Neurogenesis Cell Rep 2020-08-11 [PMID: 32783944] (IF/IHC, Mouse)

Details:

Citation using the Biotin format of this antibody.





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 NBP2-49109

NBP2-49109PEP	SP8 Recombinant Protein Antigen
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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