

Product Datasheet

SOX10 Antibody (CL4455) - BSA Free NBP2-59050

Unit Size: 100 ul

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

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NBP2-59050

SOX10 Antibody (CL4455) - BSA Free

Product Information	
Unit Size	100 ul
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	Monoclonal
Clone	CL4455
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

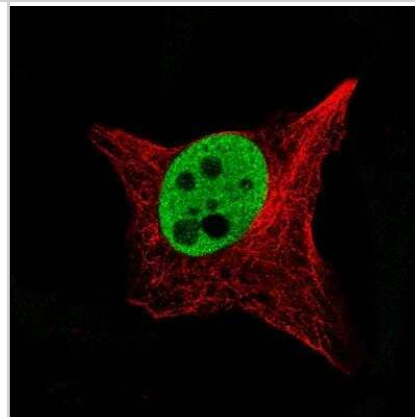
Product Description	
Description	Novus Biologicals Mouse SOX10 Antibody (CL4455) - BSA Free (NBP2-59050) is a monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6663
Gene Symbol	SOX10
Species	Human, Mouse, Feline
Reactivity Notes	Feline reactivity reported from a verified customer review. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P56693, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

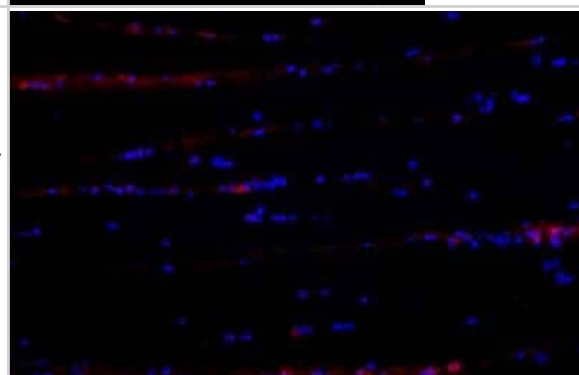


Images

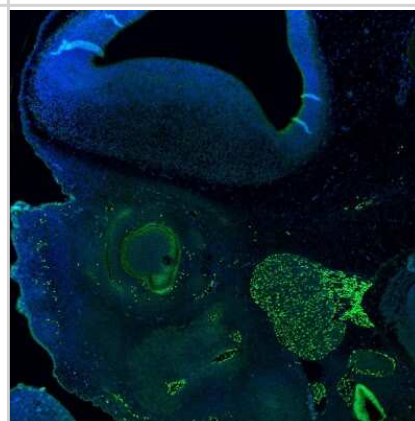
Immunocytochemistry/Immunofluorescence: SOX10 Antibody (CL4455) [NBP2-59050] - staining of SK-MEL-30 cells using the Anti-SOX10 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



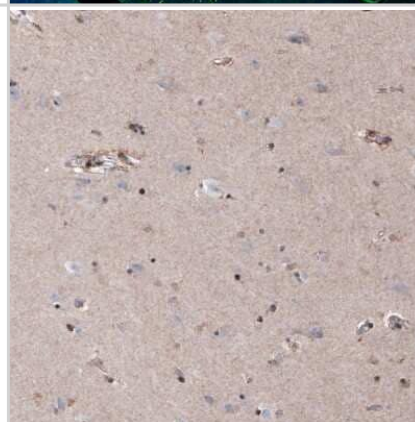
Immunohistochemistry-Frozen: SOX10 Antibody (CL4455) [NBP2-59050] - Feline adult spinal cord demonstrating SOX10 (red) and DAPI (blue). Antibody at 1:200 dilution in 1X PBS + 0.05% tween 20+ 2% BSA. Tested at 1:50, 1:100, 1:200, 1:500, and 1:1000. Dilution of 1:200 gave the best signal/noise ratio for IHC-Fr. The slides were subsequently incubated with Alexa Fluor conjugated secondary antibody for 1hr at RT and imaged with fluorescent microscopy. Image submitted by a verified customer review.



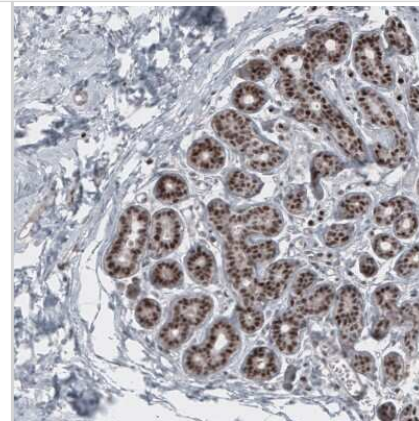
Immunohistochemistry: SOX10 Antibody (CL4455) [NBP2-59050] - Staining of mouse embryo E11 shows nuclear immunoreactivity in the developing trigeminal ganglion and ear placode.



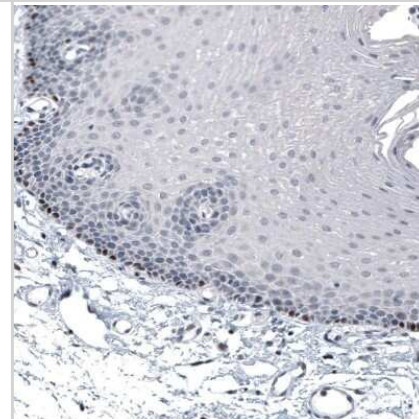
Immunohistochemistry-Paraffin: SOX10 Antibody (CL4455) [NBP2-59050] - Staining of human cerebral cortex shows strong nuclear immunoreactivity in a subset of glial cells.



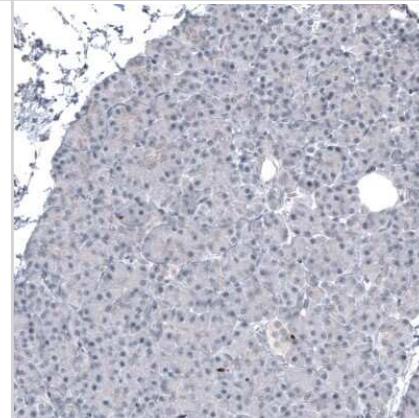
Immunohistochemistry-Paraffin: SOX10 Antibody (CL4455) [NBP2-59050] - Staining of human breast shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SOX10 Antibody (CL4455) [NBP2-59050] - Staining of human cervix shows nuclear immunoreactivity in a subset of basal cells in squamous epithelium.



Immunohistochemistry-Paraffin: SOX10 Antibody (CL4455) [NBP2-59050] - Staining of human pancreas shows absence of positivity as expected (negative control).





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Products Related to NBP2-59050

NBP2-59050PEP	SOX10 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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

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