

Product Datasheet

SOX21 Antibody (CL4688) - BSA Free NBP2-59059

Unit Size: 100 ul

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

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NBP2-59059

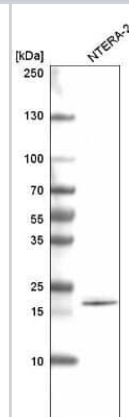
SOX21 Antibody (CL4688) - BSA Free

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	CL4688
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse SOX21 Antibody (CL4688) - BSA Free (NBP2-59059) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11166
Gene Symbol	SOX21
Species	Human, Mouse
Reactivity Notes	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 synthetic peptide derived from Q9Y651, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

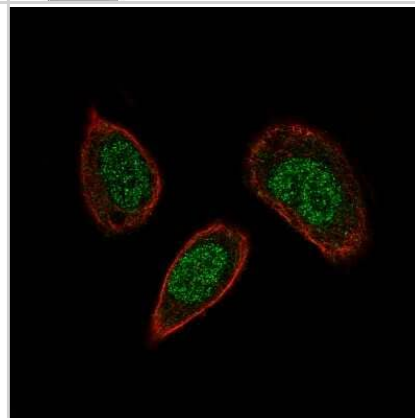


Images

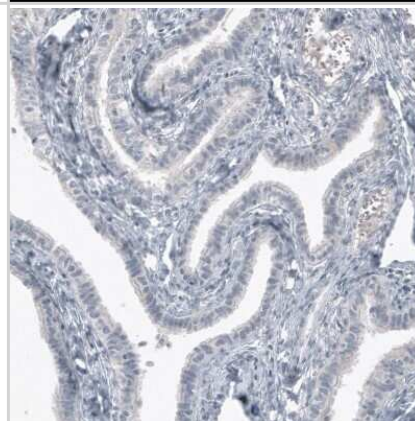
Western Blot: SOX21 Antibody (CL4688) [NBP2-59059] - Analysis in human cell line NTERA-2.



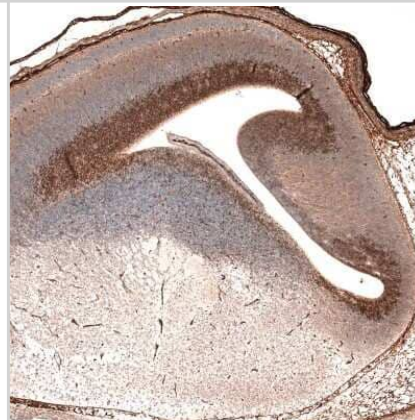
Immunocytochemistry/Immunofluorescence: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of PC-3 cells using the Anti-SOX21 monoclonal antibody, showing specific staining in the nucleus in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



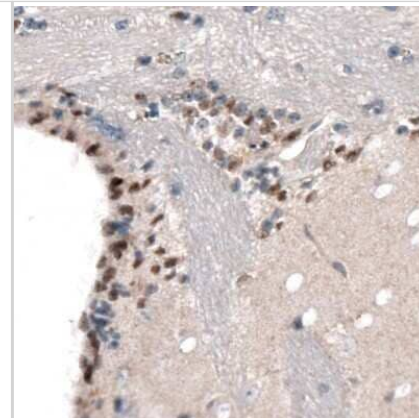
Immunohistochemistry-Paraffin: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of human fallopian tube shows no positivity as expected (negative control).



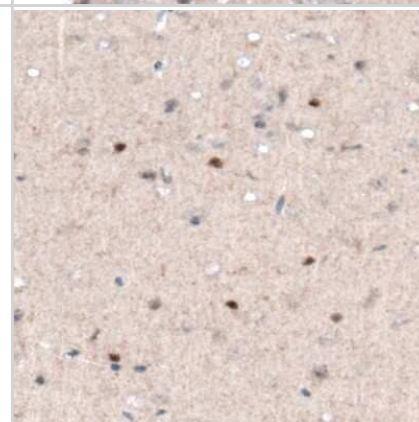
Immunohistochemistry-Paraffin: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of mouse embryo E14 shows nuclear immunoreactivity in the developing forebrain.



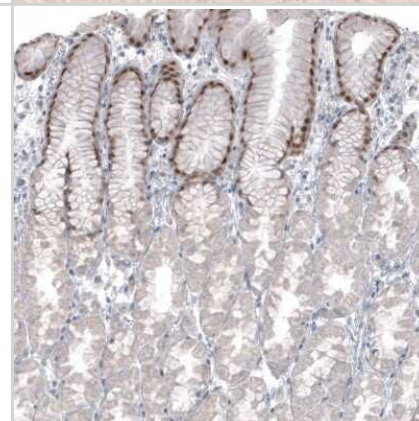
Immunohistochemistry-Paraffin: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of mouse forebrain shows nuclear immunoreactivity in a subset of cells in the lateral ventricle wall.



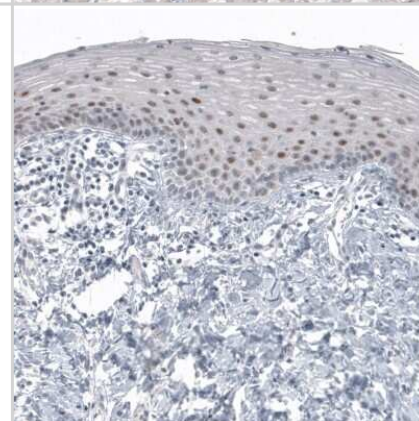
Immunohistochemistry-Paraffin: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of mouse cerebral cortex shows nuclear positivity in a subset of cells.



Immunohistochemistry-Paraffin: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of human stomach shows moderate nuclear positivity in a subset of glandular cells.



Immunohistochemistry-Paraffin: SOX21 Antibody (CL4688) [NBP2-59059] - Staining of human cervix shows moderate nuclear immunoreactivity in a subset of squamous epithelial cells.





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Products Related to NBP2-59059

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-55988PEP	SOX21 Recombinant Protein Antigen

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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