

Product Datasheet

SOX11 Antibody (CL0142) - BSA Free NBP2-14782

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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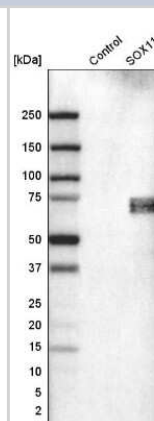
NBP2-14782

SOX11 Antibody (CL0142) - BSA Free

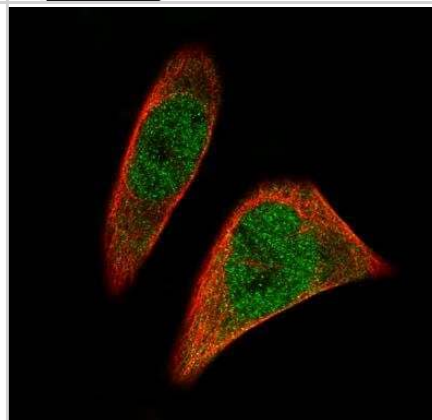
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0142
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Mouse
Gene ID	6664
Gene Symbol	SOX11
Species	Human, Mouse
Reactivity Notes	Expected to cross react based on sequence identity: Rat (82%). 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 P48431, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Simple Western 5 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100 In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in U-251MG sp and SHSY5Y, separated by Size, antibody dilution of 5 ug/mL, apparent MW was 53 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

Images

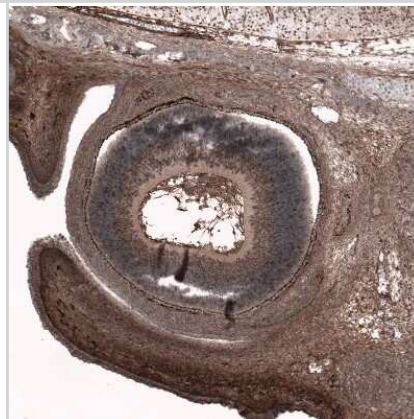
Western Blot: SOX11 Antibody (CL0142) [NBP2-14782] - Analysis in control (vector only transfected HEK293T lysate) and sOX11 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



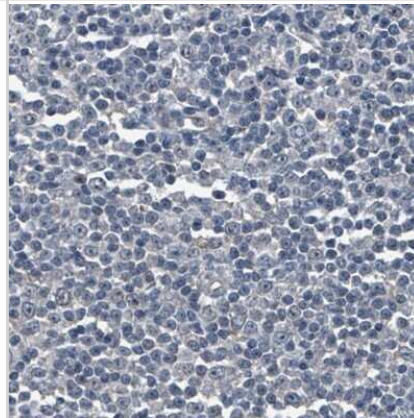
Immunocytochemistry/Immunofluorescence: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of RH-30 cells using the Anti-SOX11 monoclonal antibody, showing specific staining in the nucleus and cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



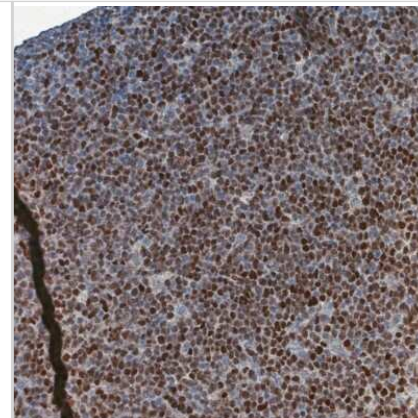
Immunohistochemistry-Paraffin: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of eye in mouse embryo E14 retina shows moderate nuclear positivity in developing retina.



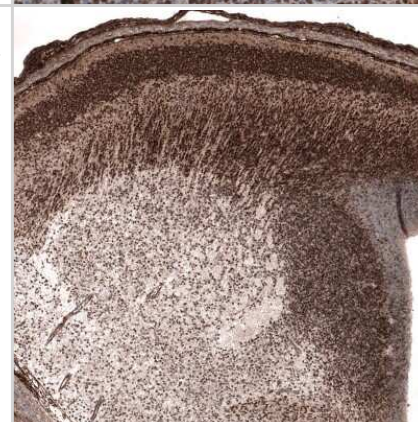
Immunohistochemistry-Paraffin: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of human chronic lymphoid leukemia shows no positivity in tumor cells.



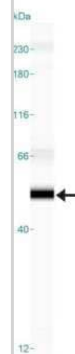
Immunohistochemistry-Paraffin: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of human mantle cell lymphoma shows moderate to strong nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of mouse embryo E14 shows nuclear immunoreactivity in the developing forebrain neurons.



Simple Western: SOX11 Antibody (CL0142) [NBP2-14782] - Simple Western lane view shows a specific band for SOX11 in 0.2 mg/ml of U-251MG sp (left) and SHSY5Y (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.





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Products Related to NBP2-14782

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-14782PEP	SOX11 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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