

# 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**

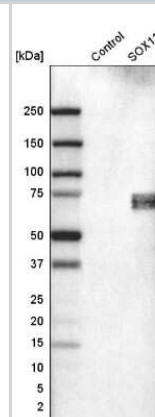
SOX11 Antibody (CL0142) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	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	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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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	<p>For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See <a href="#">Simple Western Antibody Database</a> 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.</p>

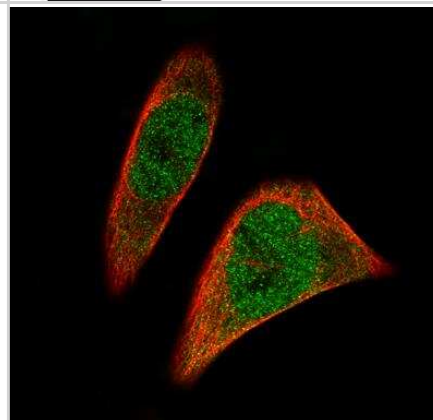


## Images

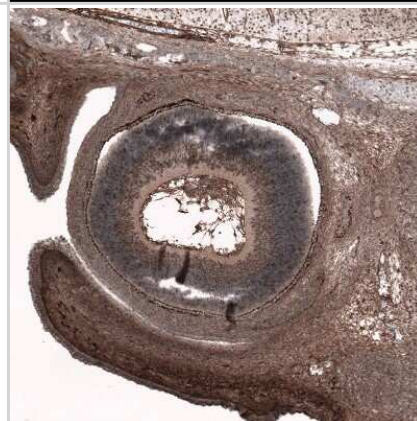
Western Blot: SOX11 Antibody (CL0142) [NBP2-14782] - Analysis in control (vector only transfected HEK293T lysate) and SOX11 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



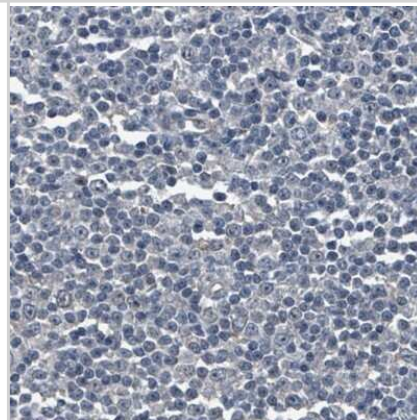
Immunocytochemistry/Immunofluorescence: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of RH-30 cells using the Anti-SOX11 monoclonal antibody, showing specific staining in the nucleus and cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).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



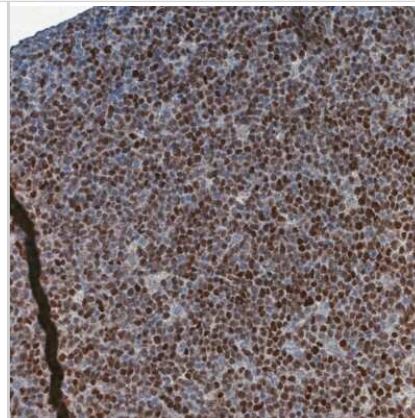
Immunohistochemistry-Paraffin: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of eye in mouse embryo E14 retina shows moderate nuclear positivity in developing retina.



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



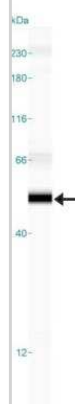
Immunohistochemistry-Paraffin: SOX11 Antibody (CL0142) [NBP2-14782] - Staining of human mantle cell lymphoma shows moderate to strong nuclear positivity in tumor cells.



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.





### **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 NBP2-14782**

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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)
NBP2-14782PEP	SOX11 Recombinant Protein Antigen

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### **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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