

# Product Datasheet

## SOX10 Antibody - BSA Free

### NBP1-68983-100ul

Unit Size: 100 ul

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

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#### Publications: 3

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Updated 2/21/2025 v.20.1

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**NBP1-68983-100ul**

SOX10 Antibody - BSA Free

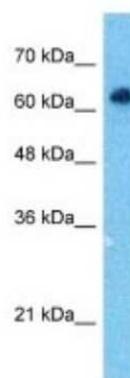
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	50 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	6663
Gene Symbol	SOX10
Species	Human
Immunogen	Synthetic peptide directed towards the middle region of human SOX10 (NP_008872). Peptide sequence PGGEAEQGGTAAIQAHYKSAHLDRHPGEGSPMSDGNPEHPSGQSHGPPT. The peptide sequence for this immunogen was taken from within the described region.

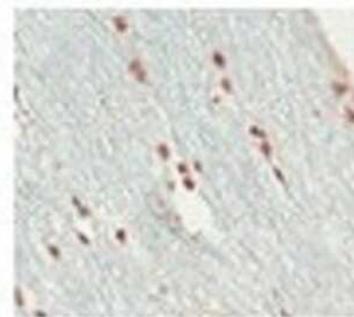
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 4.0-8.0 ug/ml

**Images**

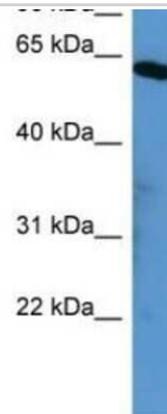
Western Blot: SOX10 Antibody [NBP1-68983] - Analysis of HepG2 lysate  
Cell lysates, Antibody Dilution: 0.5 ug/ml.



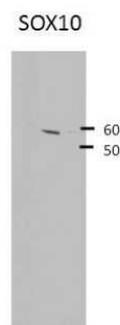
Immunohistochemistry-Paraffin: SOX10 Antibody [NBP1-68983] - Human Kidney tissue, Epithelial cells of renal tubule (Indicated with Arrows) 4-8 ug/ml.



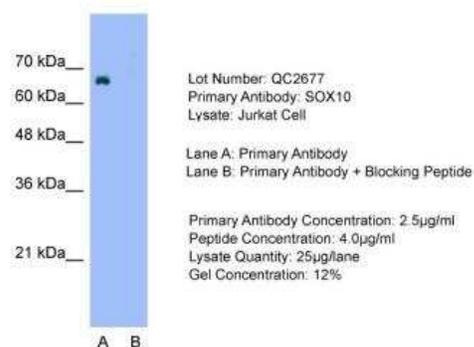
Western Blot: SOX10 Antibody [NBP1-68983] - HepG2, 0.25ug/ml.



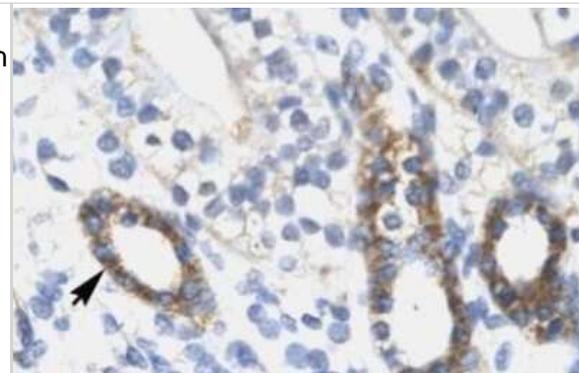
Western Blot: SOX10 Antibody [NBP1-68983] - SOX10 antibody - middle region validated by WB using Hek 293 Whole Cell Lysate at 1:4,000.



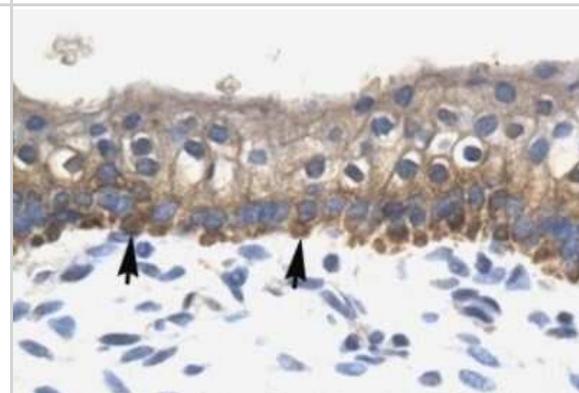
Western Blot: SOX10 Antibody [NBP1-68983] - Sample Tissue: Jurkat cell lysates Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/ml Peptide Concentration: 4.0ug/ml Lysate Quantity: 25ug/lane Gel Concentration:



Immunohistochemistry-Paraffin: SOX10 Antibody [NBP1-68983] - Human Kidney Tissue. Arrow indicates epithelial cells of renal tubule with positive label.



Immunohistochemistry-Paraffin: SOX10 Antibody [NBP1-68983] - Human Skin Tissue with epidermal cells positively labeled.



## Publications

Panaccione AC. Identification and Characterization of Neural-like Cancer Stem Cells in Salivary Adenoid Cystic Carcinoma. Thesis. 2016-05-01 (WB, Human)

Ivanov SV, Panaccione A, Nonaka D et al. Diagnostic SOX10 gene signatures in salivary adenoid cystic and breast basal-like carcinomas. *Br J Cancer* 2013-06-25 [PMID: 23799842] (WB, Human)

Vogl MR, Reiprich S, Kuspert M et al. Sox10 Cooperates with the Mediator Subunit 12 during Terminal Differentiation of Myelinating Glia *J Neurosci* 2013-04-10 [PMID: 23575864] (WB, Human)



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### **Products Related to NBP1-68983-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006663-Q01-10ug	Recombinant Human SOX10 GST (N-Term) Protein

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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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