

Product Datasheet

SOX30 Antibody - BSA Free

NBP1-86503

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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NBP1-86503

SOX30 Antibody - BSA Free

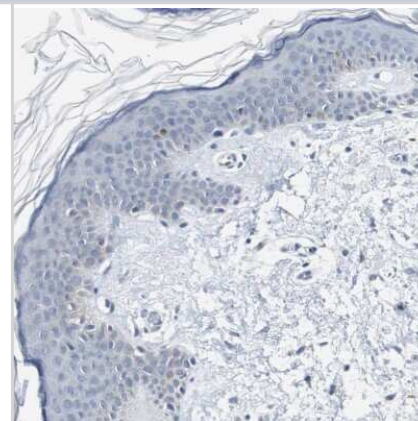
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit SOX30 Antibody - BSA Free (NBP1-86503) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	11063
Gene Symbol	SOX30
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPSPVTLFQPSVSSAAQVAVQDPSLPVYPALPPQRFTGPSQTDTHQLHSEATH TVKQPTPVSLESANRISSASTAHARFATSTIQPPREYSSVSPCPRSAPIPQASP IPHP

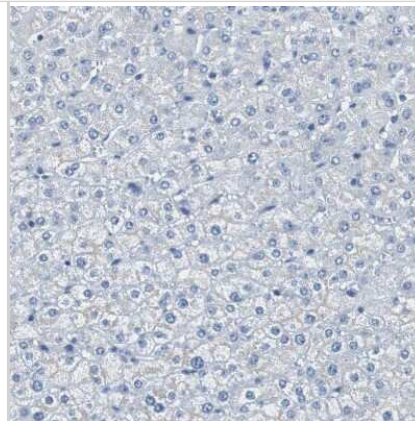
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

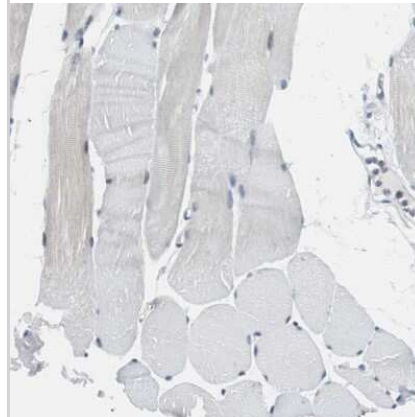
Immunohistochemistry-Paraffin: SOX30 Antibody [NBP1-86503] - Staining of human Skin shows no positivity in squamous epithelial cells as expected.



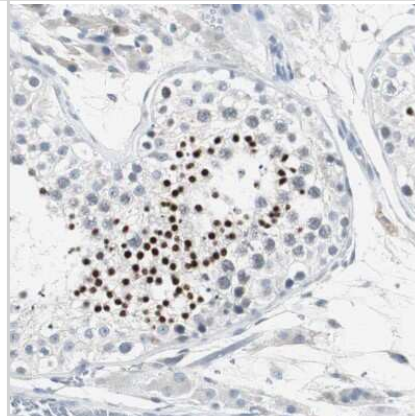
Immunohistochemistry-Paraffin: SOX30 Antibody [NBP1-86503] - Staining of human Liver shows no positivity in hepatocytes as expected.



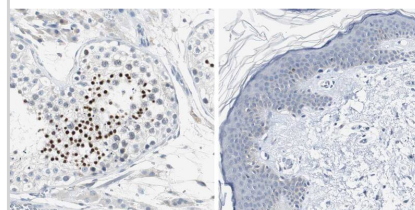
Immunohistochemistry-Paraffin: SOX30 Antibody [NBP1-86503] - Staining of human Skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: SOX30 Antibody [NBP1-86503] - Staining of human Testis shows strong nuclear positivity in spermatids.

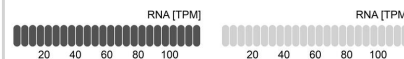


Analysis in human testis and skin tissues Corresponding SOX30 RNA-seq data are presented for the same tissues.

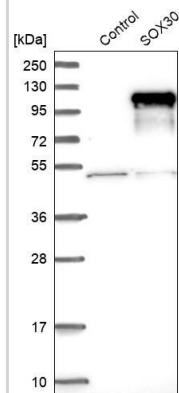


SOX30 in Testis

SOX30 in Skin



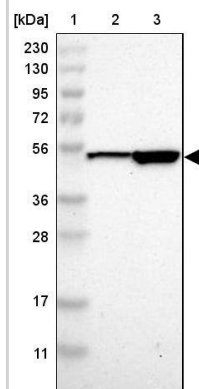
Analysis in control (vector only transfected HEK293T lysate) and SOX30 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



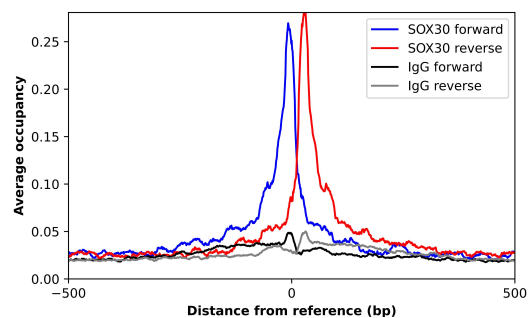
Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11

Lane 2: Human cell line RT-4

Lane 3: Human cell line U-251MG sp



ChIP-Exo-Seq composite graph for Anti-SOX30 tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP1-86503

NBP1-86503PEP	SOX30 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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