

Product Datasheet

SOX6 Antibody - BSA Free

NBP1-86149

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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Publications: 2

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NBP1-86149

SOX6 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 | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

Product Description

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|-------------------------|---|
| Description | Novus Biologicals Rabbit SOX6 Antibody - BSA Free (NBP1-86149) is a polyclonal antibody validated for use in IHC and WB. Anti-SOX6 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 55553 |
| Gene Symbol | SOX6 |
| Species | Human |
| Reactivity Notes | Reactivity reported in scientific literature (PMID: 22361696) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: QATSPFACAADGEDAMTQDLTSREKEEGSDQHVASHLPLHPIMHNKPHSEEL PTLVSTIQDADWDSVLSSQQRMESENNKLCSLYSFRNTSTSPHKPDEGSRD REIMTSVTFGTPERRKGSLADVVDTLKQKKLEEMTRTEQ |

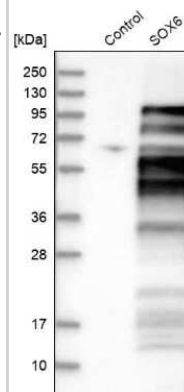
Product Application Details

| | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

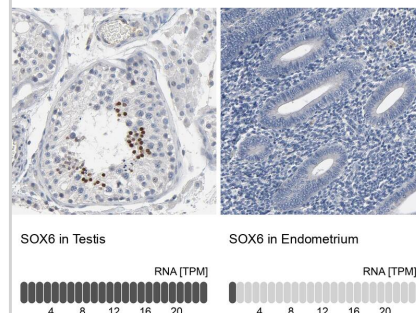


Images

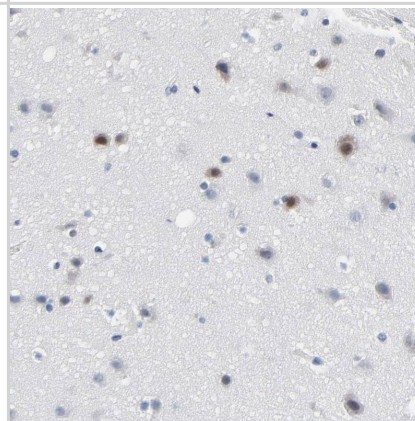
Western Blot: SOX6 Antibody [NBP1-86149] - Analysis in control (vector only transfected HEK293T lysate) and SOX6 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



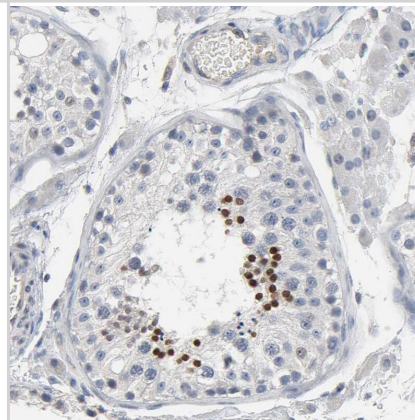
Immunohistochemistry analysis in human testis and endometrium tissues using HPA003908 antibody. Corresponding SOX6 RNA-seq data are presented for the same tissues.



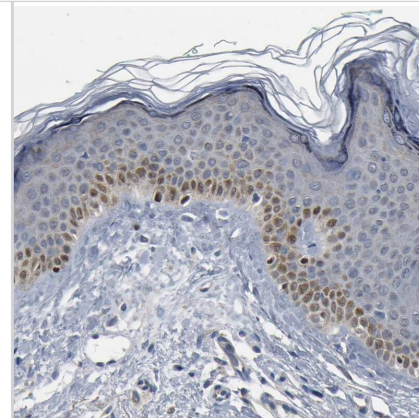
Staining of human cerebral cortex shows moderate nuclear positivity in neurons.



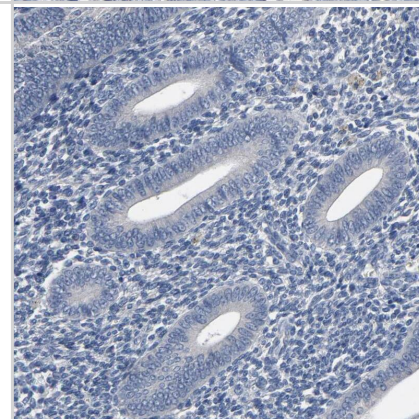
Staining of human testis shows strong nuclear positivity in spermatids.



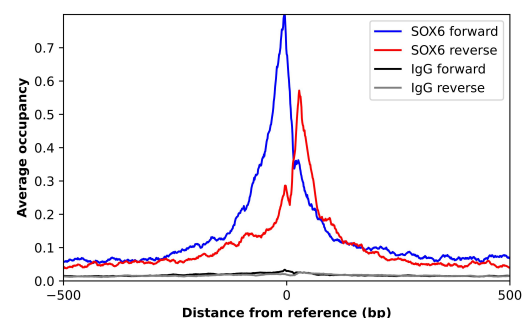
Staining of human skin shows moderate nuclear positivity in squamous epithelial cells.



Staining of human endometrium shows no positivity in glandular cells as expected.



ChIP-Exo-Seq composite graph for Anti-SOX6 (NBP1-86149) 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.



Publications

Yeung F, Chung E, Guess MG et al. Myh7b/miR-499 gene expression is transcriptionally regulated by MRFs and Eos. Nucleic Acids Res 2012-08-01 [PMID: 22638570]

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]



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 NBP1-86149

| | |
|---------------|---|
| NBP1-86149PEP | SOX6 Recombinant Protein Antigen |
| 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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