

# Product Datasheet

## Osterix/Sp7 Antibody - BSA Free NBP2-38019

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP2-38019**

Osterix/Sp7 Antibody - BSA Free

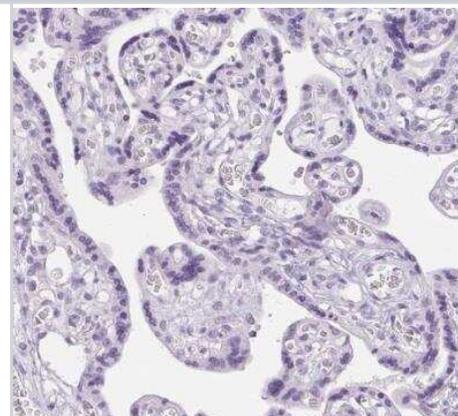
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Osterix/Sp7 Antibody - BSA Free (NBP2-38019) is a polyclonal antibody validated for use in IHC. Anti-Osterix/Sp7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	121340
<b>Gene Symbol</b>	SP7
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: QGGDGLQGTLPTGPAQPPLNPQLPTYPSTDFAPLNPAPYPAPHLLQPGPQHV LPQDVYKPKAVGNSG

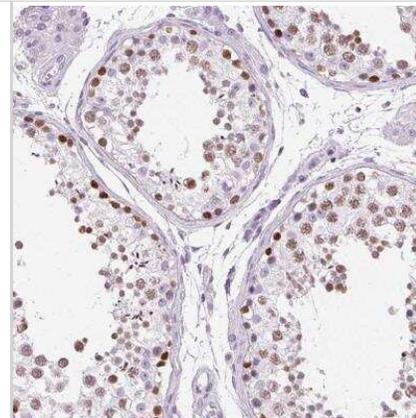
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

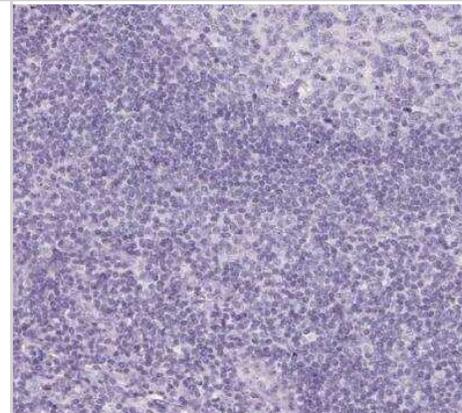
Immunohistochemistry-Paraffin: Osterix/Sp7 Antibody [NBP2-38019] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



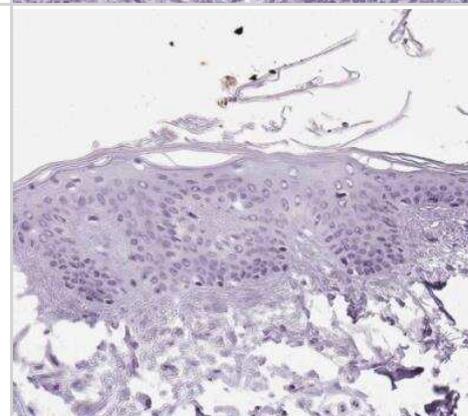
Immunohistochemistry-Paraffin: Osterix/Sp7 Antibody [NBP2-38019] - Staining of human testis shows distinct nuclear positivity in cells in seminiferous ducts.



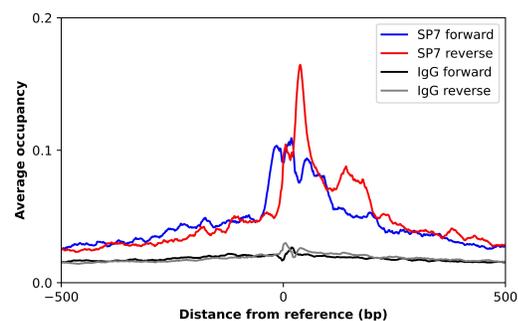
Immunohistochemistry-Paraffin: Osterix/Sp7 Antibody [NBP2-38019] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: Osterix/Sp7 Antibody [NBP2-38019] - Staining of human skin shows no positivity in squamous epithelial cells as expected.



ChIP-Exo-Seq composite graph for Anti-Osterix/Sp7 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

Malwine J. Barz, Lena Behrmann, Danaëlle Capron, Gabriele Zuchtriegel, Fabio D. Steffen, Leo Kunz, Yang Zhang, Iria Jimenez Vermeerbergen, Blerim Marovca, Moritz Kirschmann, Antonia Zech, César Nombela-Arrieta, Urs Ziegler, Timm Schroeder, Beat Bornhauser, Jean-Pierre Bourquin B- and T-cell acute lymphoblastic leukemias evade chemotherapy at distinct sites in the bone marrow *Haematologica* 2022-11-03 [PMID: 36325888]



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### **Products Related to NBP2-38019**

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NBP2-38019PEP	Osterix/Sp7 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

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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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