

Product Datasheet

PBX2 Antibody - BSA Free NBP2-31853

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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Updated 12/2/2025 v.20.1

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NBP2-31853

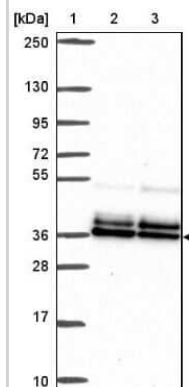
PBX2 Antibody - BSA Free

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 PBX2 Antibody - BSA Free (NBP2-31853) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5089
Gene Symbol	PBX2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (86%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GDSYSASQVESLRHSMGPGGYGDNLGGGQMYSPREMRANGSW
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

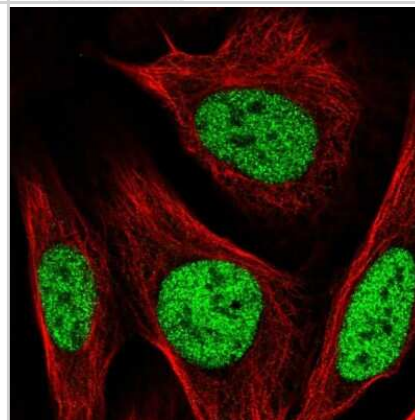


Images

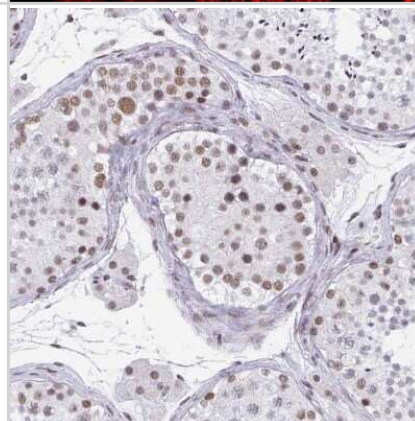
Western Blot: PBX2 Antibody [NBP2-31853] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



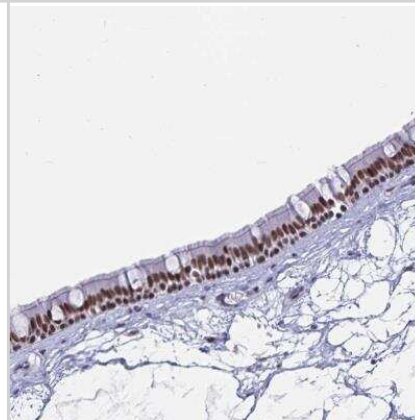
Immunocytochemistry/Immunofluorescence: PBX2 Antibody [NBP2-31853] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



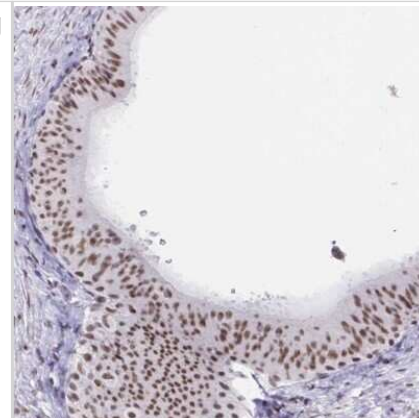
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



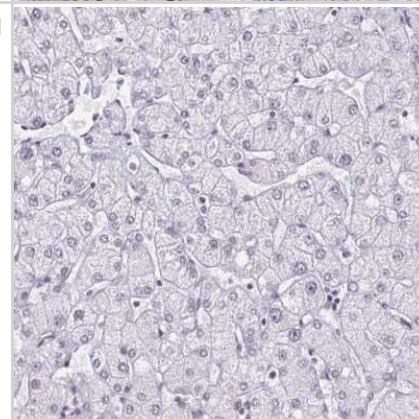
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human nasopharynx shows strong nuclear positivity in respiratory epithelial cells.



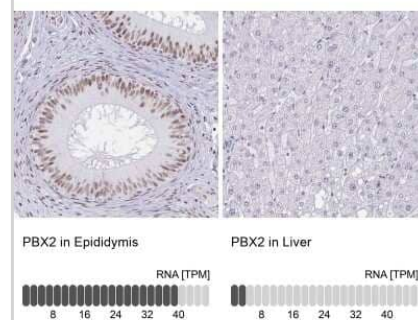
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human epididymis shows high expression.



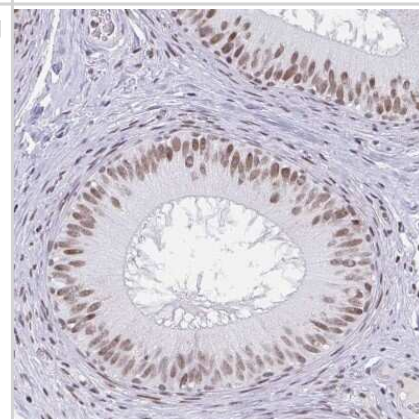
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human liver shows low expression as expected.



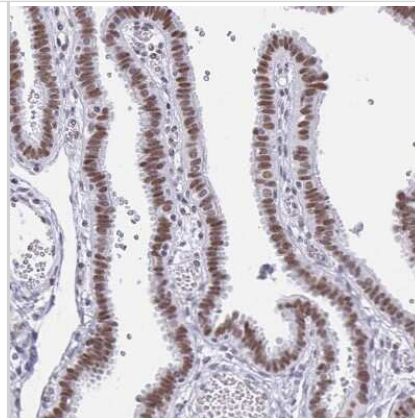
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Analysis in human epididymis and liver tissues using NBP2-31853 antibody. Corresponding PBX2 RNA-seq data are presented for the same tissues.



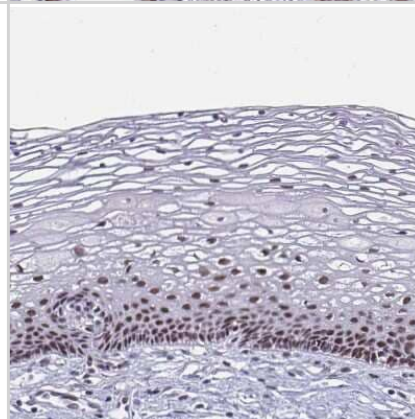
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human epididymis shows moderate nuclear positivity in glandular cells.



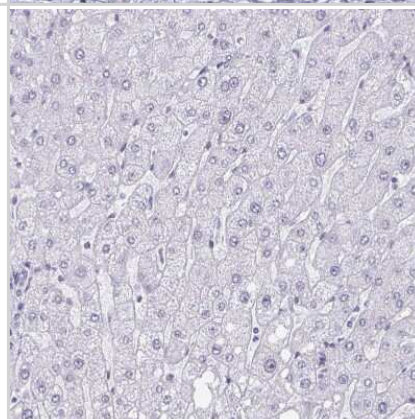
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



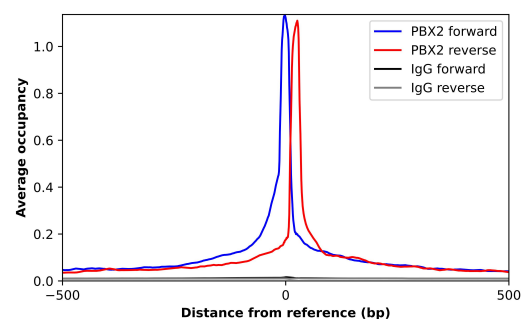
Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human cervix shows moderate nuclear positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: PBX2 Antibody [NBP2-31853] - Staining of human liver shows no positivity in hepatocytes as expected.



ChIP-Exo-Seq composite graph for Anti-PBX2 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 NBP2-31853

NBP2-31853PEP	PBX2 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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