

# Product Datasheet

## PBX1 Antibody - BSA Free NBP1-85803

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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**NBP1-85803**

PBX1 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

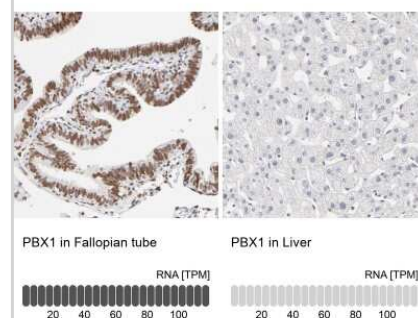
Product Description	
Description	Novus Biologicals Rabbit PBX1 Antibody - BSA Free (NBP1-85803) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PBX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5087
Gene Symbol	PBX1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PRLMHSAGVGMAGHPGLSQHLQDGAGGTEGEGGRKQDIGDILQQIMTITDQ SLDEAQARKHALNCHRMKPALFNVLCIEKEKTVLSIRGAQEEPTDPQLMRLDN MLLAEGV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

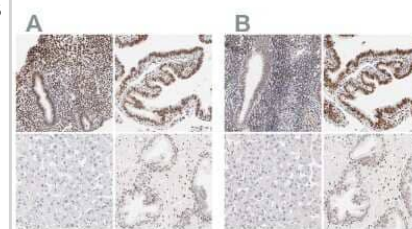


## Images

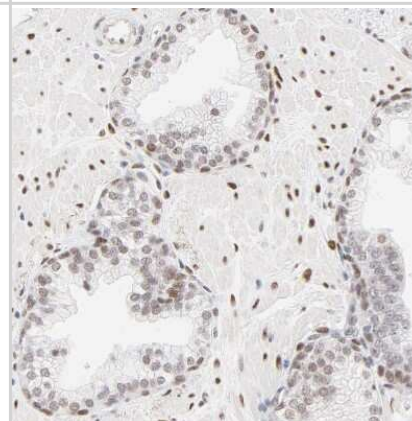
Immunohistochemistry-Paraffin: PBX1 Antibody [NBP1-85803] - Analysis in human fallopian tube and liver tissues using NBP1-85803 antibody. Corresponding PBX1 RNA-seq data are presented for the same tissues.



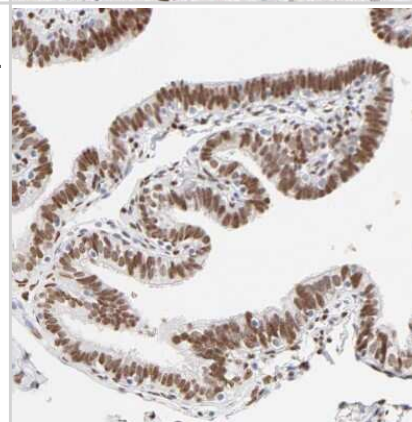
Immunohistochemistry-Paraffin: PBX1 Antibody [NBP1-85803] - Staining of human endometrium, fallopian tube, liver and prostate using Anti-PBX1 antibody NBP1-85803 (A) shows similar protein distribution across tissues to independent antibody NBP1-86151 (B).



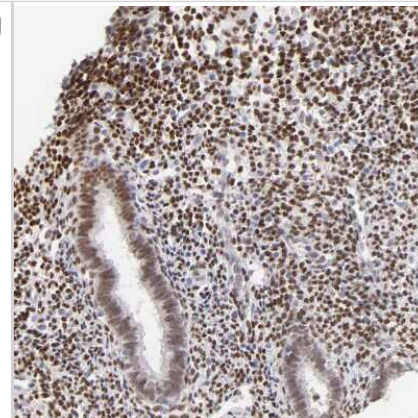
Immunohistochemistry-Paraffin: PBX1 Antibody [NBP1-85803] - Staining of human prostate shows weak to moderate nuclear positivity in glandular cells.



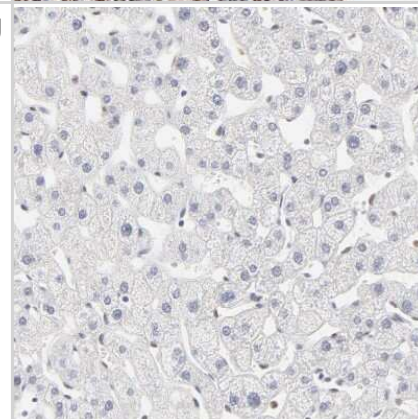
Immunohistochemistry-Paraffin: PBX1 Antibody [NBP1-85803] - Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



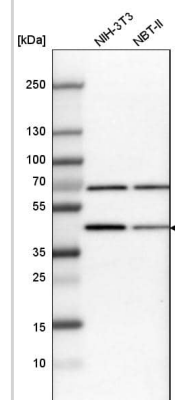
Immunohistochemistry-Paraffin: PBX1 Antibody [NBP1-85803] - Staining of human endometrium shows moderate to strong nuclear positivity in stromal cells.



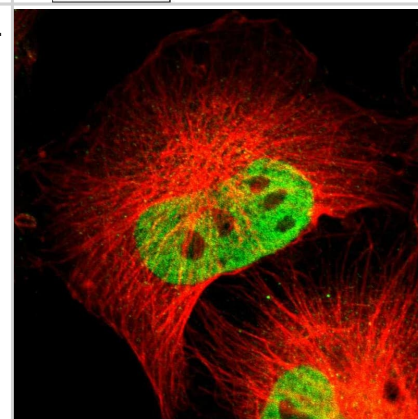
Immunohistochemistry-Paraffin: PBX1 Antibody [NBP1-85803] - Staining of human liver shows no positivity in hepatocytes as expected.



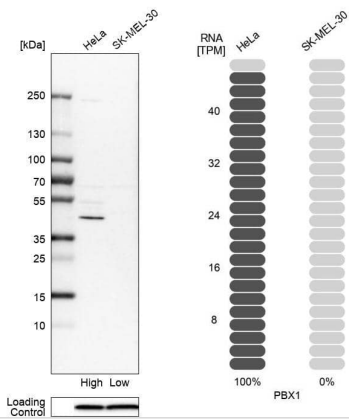
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Staining of human cell line U-251 MG shows localization to nucleoplasm.



Analysis in human cell lines HeLa and SK-MEL-30 using Anti-PBX1 antibody. Corresponding PBX1 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



Publications

Chiang J, Li X, Jin H et al. The molecular characteristics of low-grade and high-grade areas in desmoplastic infantile astrocytoma/ganglioglioma Neuropathology and applied neurobiology 2022-02-21 [PMID: 35191090] (IHC-P)





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### **Products Related to NBP1-85803**

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NBP1-85803PEP	PBX1 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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