

# Product Datasheet

## CBX3 Antibody - BSA Free

### NBP1-83228

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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Updated 12/2/2025 v.20.1

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**NBP1-83228**

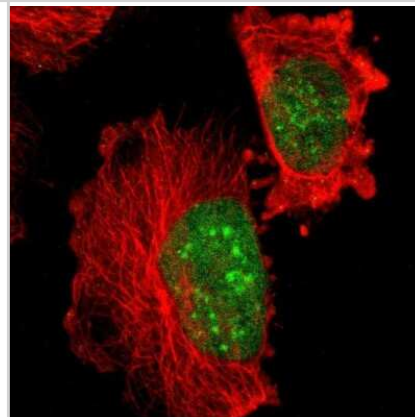
CBX3 Antibody - BSA Free

<b>Product Information</b>	
<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
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit CBX3 Antibody - BSA Free (NBP1-83228) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CBX3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	11335
<b>Gene Symbol</b>	CBX3
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Use in Mouse reported in scientific literature (PMID:35417713). Reactivity reported in scientific literature (PMID: 23409045).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RVVNGKVEYFLKWKGFDTADNTWEPEENLDCPELIEAFLNSQKAGKEKDGTK RKSLSDSESDDSKSKKKRDAADKPRGFARGLDPERIIGATDSSGELMFLMKWK DSDEA
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

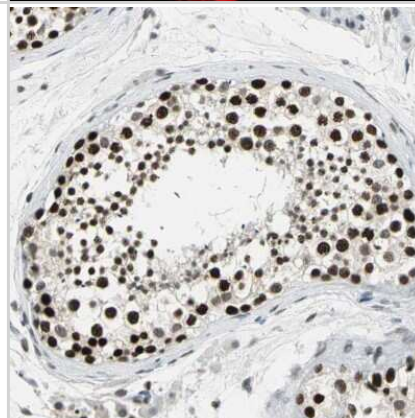


## Images

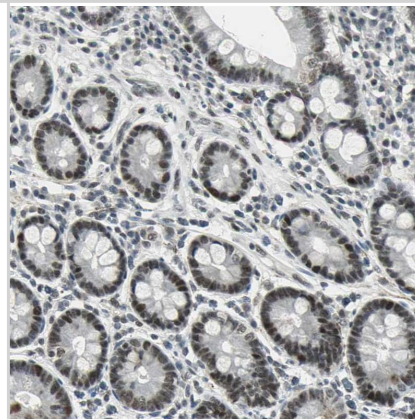
Immunocytochemistry/Immunofluorescence: CBX3 Antibody [NBP1-83228] - Staining of human cell line U-251 MG shows localization to nucleoplasm & nuclear bodies.



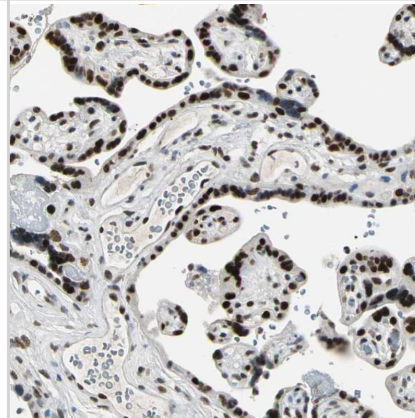
Immunohistochemistry-Paraffin: CBX3 Antibody [NBP1-83228] - Staining of human testis shows high expression.



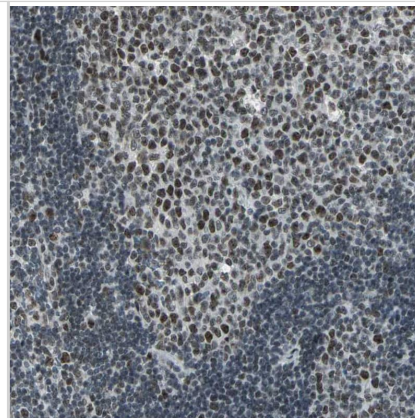
Staining of human duodenum shows strong nuclear positivity in glandular cells.



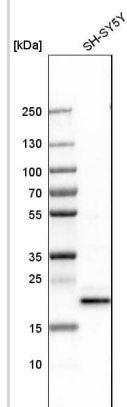
Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Staining of human lymph node shows strong nuclear positivity in germinal center cells.



Analysis in human cell line SH-SY5Y.



## Publications

Liu H, Giffen KP, Chen L et al. Molecular and cytological profiling of biological aging of mouse cochlear inner and outer hair cells Cell reports 2022-04-12 [PMID: 35417713] (IF/IHC, Mouse)

Yan L, Xing Z, Guo Z et al. Somatostatin Derivative (smsDX) Targets Cellular Metabolism in Prostate Cancer Cells after Androgen Deprivation Therapy. PLoS One 2013-01-01 [PMID: 23409045]



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### **Products Related to NBP1-83228**

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NBP1-83228PEP	CBX3 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

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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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