

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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NBP1-83228

CBX3 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

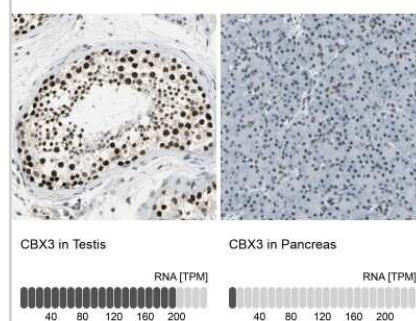
| | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 11335 |
| Gene Symbol | CBX3 |
| Species | Human, Mouse |
| Reactivity Notes | Use in Mouse reported in scientific literature (PMID:35417713). Reactivity reported in scientific literature (PMID: 23409045). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: RVVNGKVEYFLKWKGFTDADNTWEPEENLDCPELIEAFLNSQKAGKEKDGTK RKSLSDSESDDSKSKKKRDAADKPRGFARGLDPERIIGATDSSGELMFLMKWK DSDEA |

Product Application Details

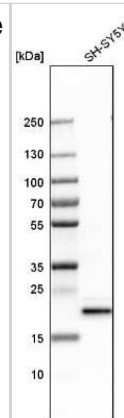
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

Images

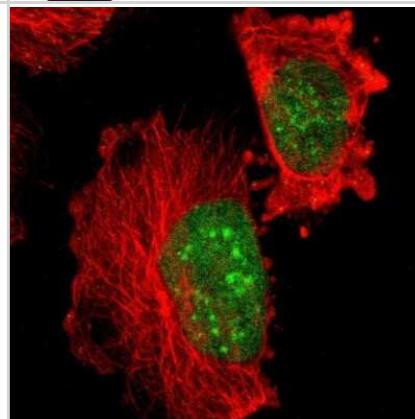
Immunohistochemistry-Paraffin: CBX3 Antibody [NBP1-83228] - Staining in human testis and pancreas tissues using anti-CBX3 antibody. Corresponding CBX3 RNA-seq data are presented for the same tissues.



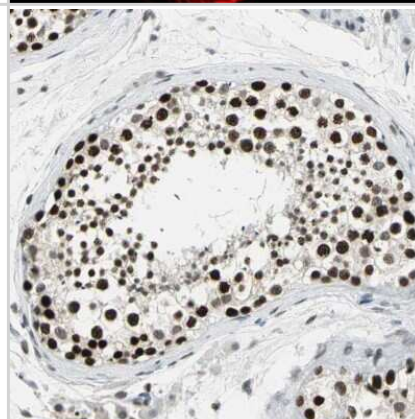
Western Blot: CBX3 Antibody [NBP1-83228] - Analysis in human cell line SH-SY5Y.



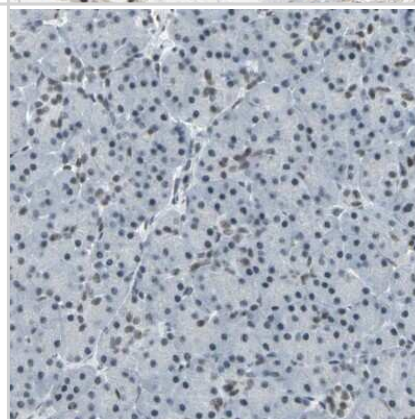
Immunocytochemistry/Immunofluorescence: CBX3 Antibody [NBP1-83228] - Staining of human cell line U-251 MG shows localization to nucleoplasm & nuclear bodies.



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



Immunohistochemistry-Paraffin: CBX3 Antibody [NBP1-83228] - Staining of human pancreas shows low expression as expected.



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]



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 NBP1-83228

| | |
|---------------|---|
| NBP1-83228PEP | CBX3 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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