

Product Datasheet

CBX3 Antibody NBP2-15736

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15736

CBX3 Antibody

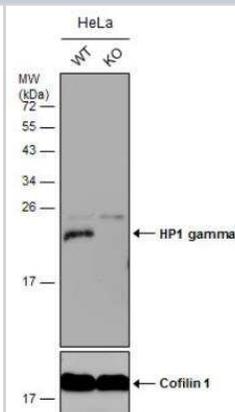
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	21 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit CBX3 Antibody (NBP2-15736) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	11335
Gene Symbol	CBX3
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human CBX3. The exact sequence is proprietary.

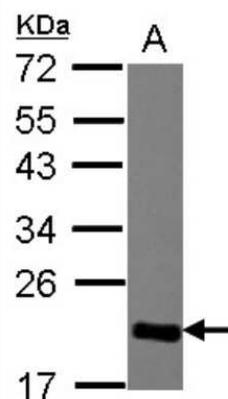
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:5000-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

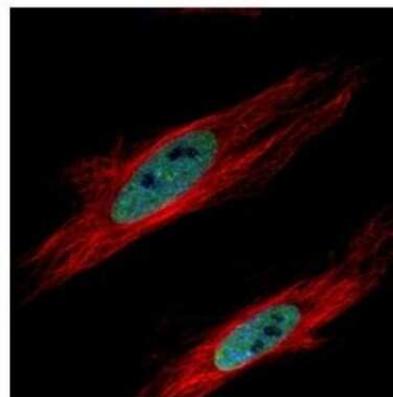
Western Blot: CBX3 Antibody [NBP2-15736] - Wild-type (WT) and HP1 gamma knockout (KO) HeLa cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with HP1 gamma antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



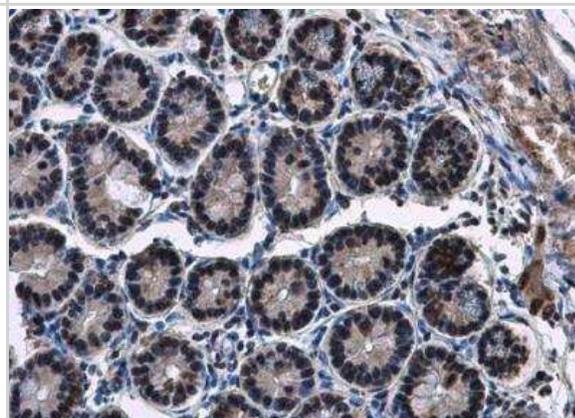
Western Blot: CBX3 Antibody [NBP2-15736] - Sample (30 ug of whole cell lysate) A: HepG2 12% SDS PAGE gel, diluted at 1:10000.



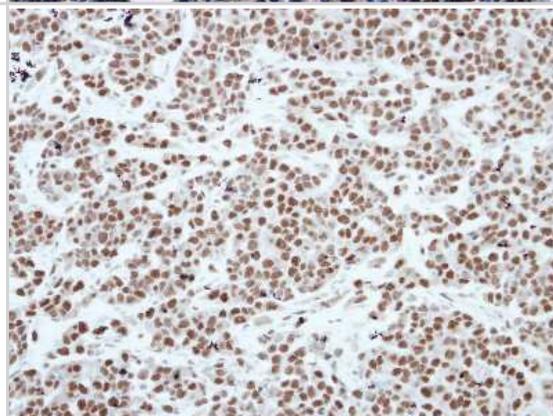
Immunocytochemistry/Immunofluorescence: CBX3 Antibody [NBP2-15736] - Confocal immunofluorescence analysis of paraformaldehyde-fixed HeLa, using CBX3 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments are labeled with Alpha-tubulin antibody (Red) at 1:2000.



Immunohistochemistry-Paraffin: CBX3 Antibody [NBP2-15736] - Mouse duodenum. HP1 gamma antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



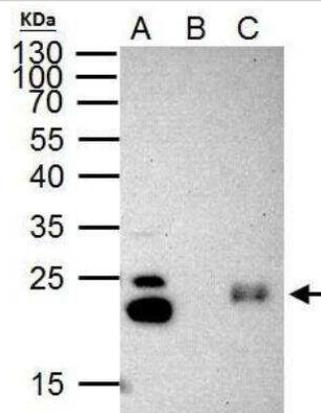
Immunohistochemistry-Paraffin: CBX3 Antibody [NBP2-15736] - Immunohistochemical analysis of paraffin-embedded TOV-21G xenograft, using antibody at 1:250 dilution.



Immunohistochemistry-Paraffin: CBX3 Antibody [NBP2-15736] - Mouse brain. HP1 gamma antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunoprecipitation: CBX3 Antibody [NBP2-15736] - HeLa whole cell lysate/extract A. 40 ug HeLa whole cell lysate/extract B. Control with 2 ug of preimmune rabbit IgG C. Immunoprecipitation of HP1 gamma protein by 2 ug of HP1 gamma antibody 15% SDS-PAGE The immunoprecipitated HP1 gamma protein was detected by HP1 gamma antibody diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.



Publications

Feng G, Yin G, Liu Y et al. Nat10 maintains the homeostasis of pluripotent and 2-cell-like states in mouse embryonic stem cells through mRNA cytidine acetylation *Nucleic acids research* 2025-06-24 [PMID: 40521666]



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Products Related to NBP2-15736

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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