

Product Datasheet

HIST1H3A Antibody NBP2-16842

Unit Size: 0.1 ml

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

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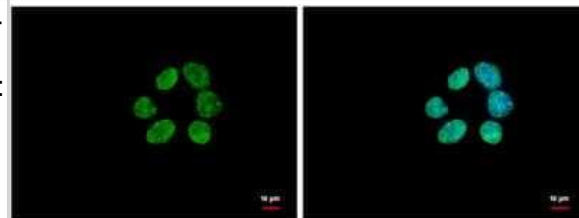
NBP2-16842**HIST1H3A Antibody**

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	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	15 kDa
Product Description	
Description	Novus Biologicals Rabbit HIST1H3A Antibody (NBP2-16842) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8350
Gene Symbol	H3C1
Species	Human, Mouse, Rat, Porcine, Drosophila, Fungi, Plant, Monkey, Golden Syrian Hamster
Reactivity Notes	Rice (100%).
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human HIST1H3A. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP)
Application Notes	Chip assay-Assay dependent

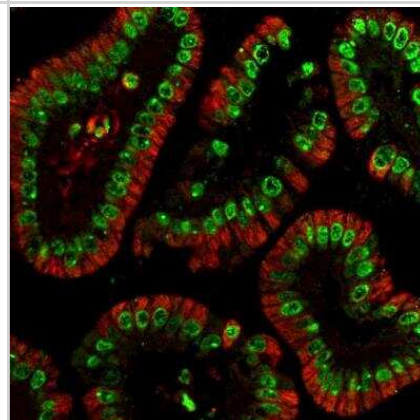


Images

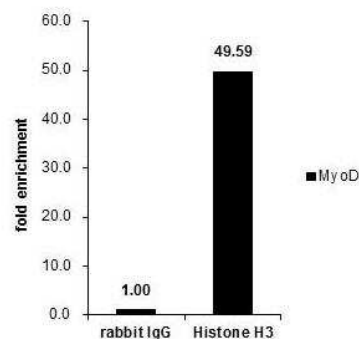
Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody [NBP2-16842] - A431 cells were fixed in ice-cold MeOH for 5 min. Green: Histone H3 protein stained by Histone H3 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



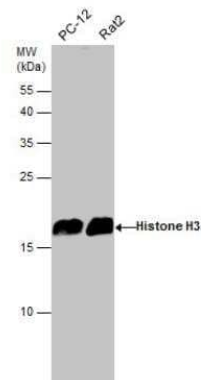
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Histone H3 antibody detects Histone H3 protein at nucleus in mouse colon by immunohistochemical analysis. Sample: Paraffin-embedded mouse colon. Green: Histone H3 antibody diluted at 1:500. Red: alpha Tubulin antibody [114] (NBP2-43837) diluted at 1:500.



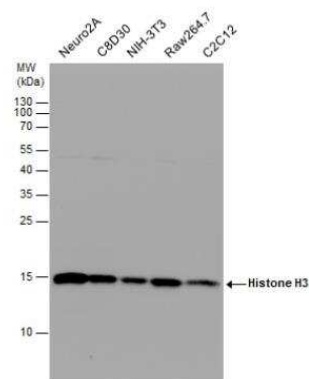
Chromatin Immunoprecipitation: HIST1H3A Antibody [NBP2-16842] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-Histone H3 antibody. The precipitated DNA was detected by PCR with primer set targeting to MyoD.



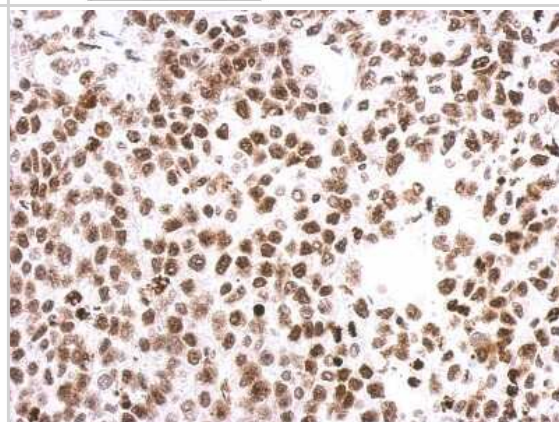
Western Blot: HIST1H3A Antibody [NBP2-16842] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



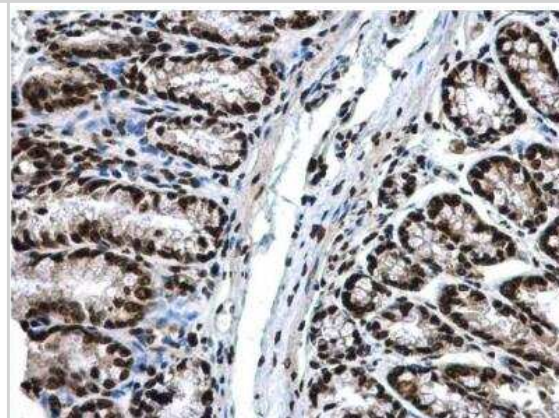
Western Blot: HIST1H3A Antibody [NBP2-16842] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody diluted at a dilution of 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



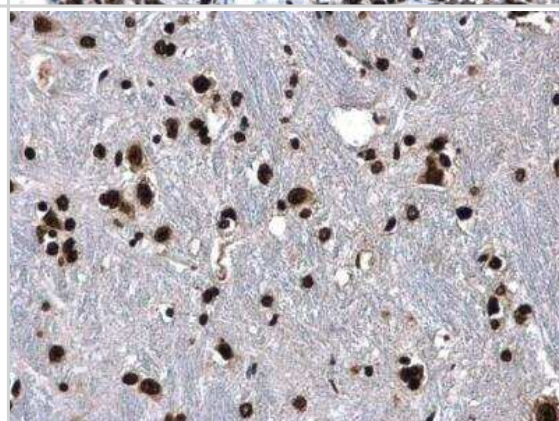
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Immunohistochemical analysis of paraffin-embedded Hela xenograft, using antibody at 1:500 dilution.



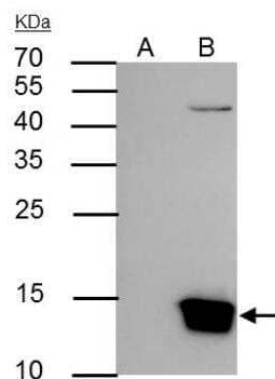
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Paraffin-embedded mouse colon. Histone H3 antibody diluted at 1:500.



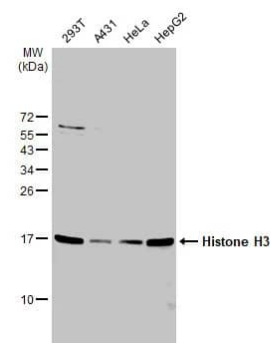
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Paraffin-embedded mouse brain. Histone H3 antibody diluted at 1:500.



Immunoprecipitation: HIST1H3A Antibody [NBP2-16842] - IP Sample: Raji whole cell lysate/extract A : Control with 3 ug of pre-immune rabbit IgG B : Immunoprecipitation of Histone H3 by 3 ug of Histone H3 antibody 15% SDS-PAGE The immunoprecipitated Histone H3 protein was detected by Histone H3 antibody (diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.



Western Blot: HIST1H3A Antibody [NBP2-16842] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with HIST1H3A antibody (NBP2-16842) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-16842

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-06572	HIST2H3C Overexpression Lysate

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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