

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**

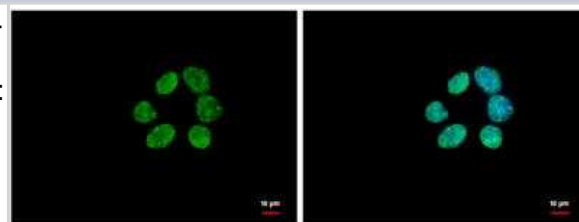
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | 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 | |
|----------------------------|---|
| 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. |

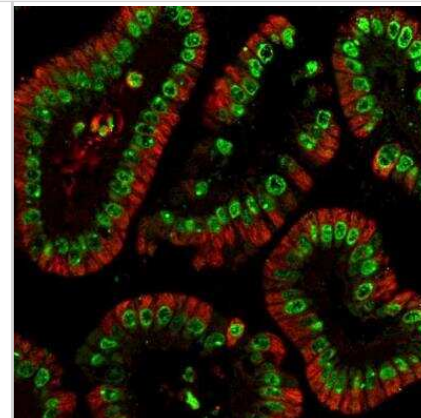
| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| Recommended Dilutions | Western Blot 1:500-1:10000, 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

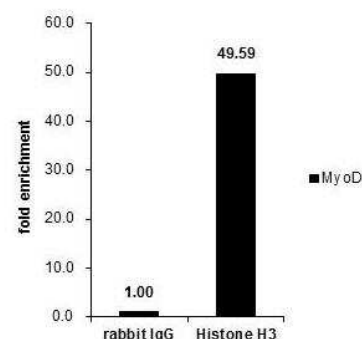
Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody [NBP2-16842] - A431 cells were fixed in ice-cold MeOH for 5 min. Green: Histone H3 protein stained by Histone H3 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



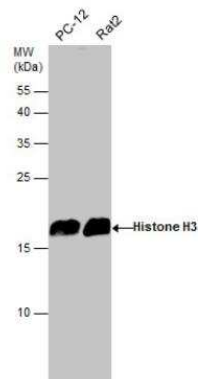
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Histone H3 antibody detects Histone H3 protein at nucleus in mouse colon by immunohistochemical analysis. Sample: Paraffin-embedded mouse colon. Green: Histone H3 antibody diluted at 1:500. Red: alpha Tubulin antibody [114] (NBP2-43837)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



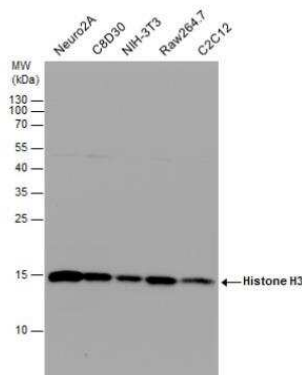
Chromatin Immunoprecipitation: HIST1H3A Antibody [NBP2-16842] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit IgG or anti-Histone H3 antibody. The precipitated DNA was detected by PCR with primer set targeting to MyoD.



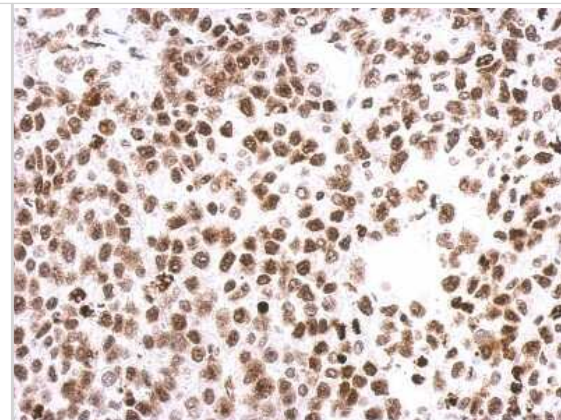
Western Blot: HIST1H3A Antibody [NBP2-16842] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



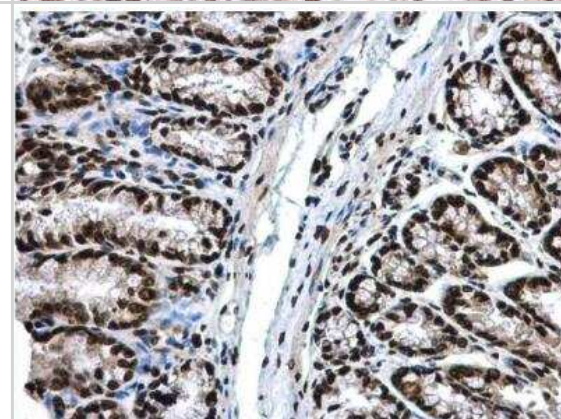
Western Blot: HIST1H3A Antibody [NBP2-16842] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 antibody diluted at a dilution of 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



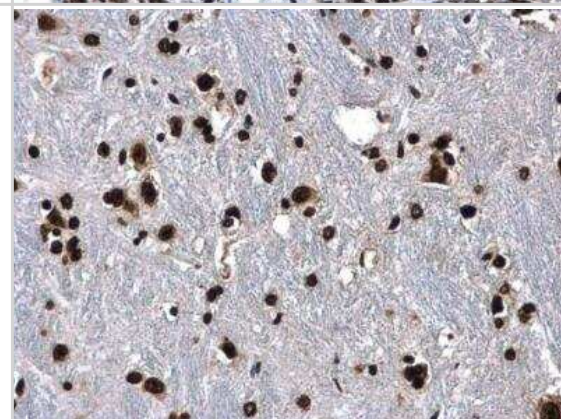
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Immunohistochemical analysis of paraffin-embedded Hela xenograft, using antibody at 1:500 dilution.



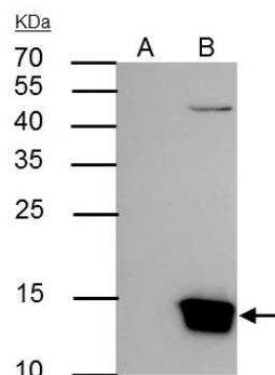
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Paraffin-embedded mouse colon. Histone H3 antibody diluted at 1:500.



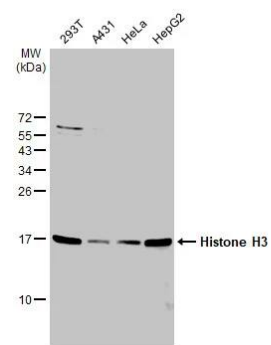
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16842] - Paraffin-embedded mouse brain. Histone H3 antibody diluted at 1:500.



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.





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 NBP2-16842

| | |
|------------|---|
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| 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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