

Product Datasheet

HIST1H3A Antibody NBP2-16841

Unit Size: 0.1 ml

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

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NBP2-16841**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

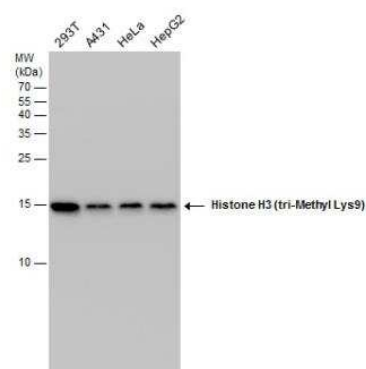
Host	Rabbit
Gene ID	8350
Gene Symbol	H3C1
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Chimpanzee (100%).
Immunogen	Carrier-protein conjugated synthetic peptide surrounding tri-methyl Lys9 of human HIST1H3A. The exact sequence is proprietary.

Product Application Details

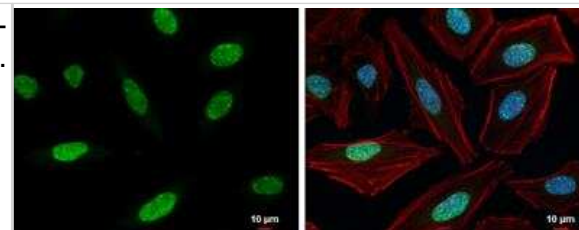
Applications	Western Blot, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Electron Microscopy, Chromatin Immunoprecipitation (ChIP) 1:10-1:500

Images

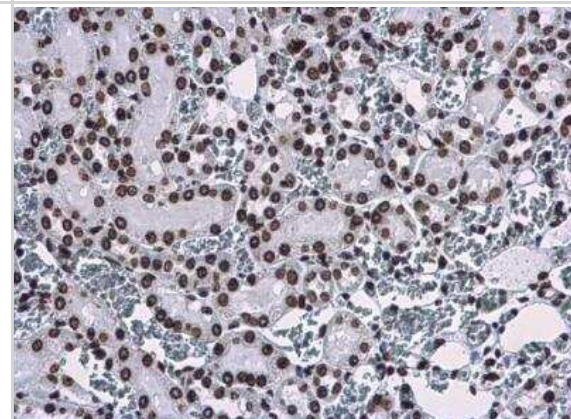
Western Blot: HIST1H3A Antibody [NBP2-16841] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3 (tri-Methyl Lys9) antibody diluted at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



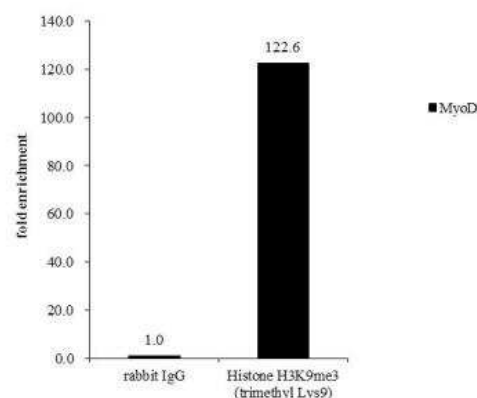
Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody [NBP2-16841] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Histone H3K9me3 (trimethyl Lys9) protein stained by Histone H3K9me3 (trimethyl Lys9) antibody diluted at 1:500. Red: Phalloidin, a cytoskeleton marker, diluted at 1:200. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



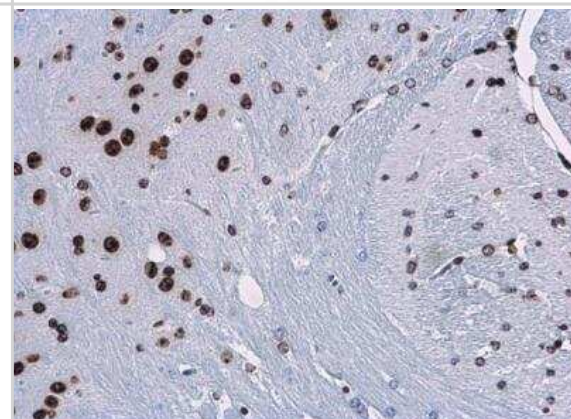
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16841] - Paraffin-embedded rat kidney. Histone H3K9me3 (trimethyl Lys9) antibody diluted at 1:500.



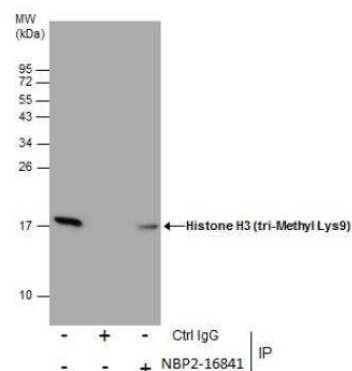
Chromatin Immunoprecipitation: HIST1H3A Antibody [NBP2-16841] - Cross-linked ChIP was performed with HepG2 chromatin extract and 5 μ g of either normal rabbit IgG or anti-Histone H3K9me3 (trimethyl Lys9) antibody. The precipitated DNA was detected by PCR with primer set targeting to MyoD



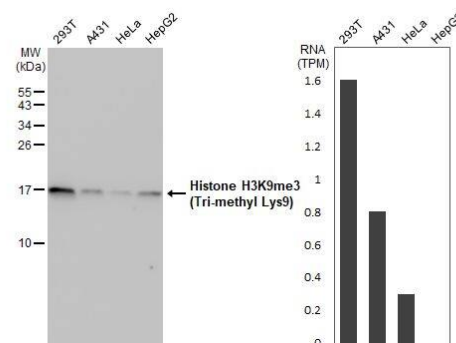
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16841] - Paraffin-embedded mouse brain. Histone H3K9me3 (trimethyl Lys9) antibody diluted at 1:500.



Immunoprecipitation: HIST1H3A Antibody [NBP2-16841] -
Immunoprecipitation of Histone H3 (tri-Methyl Lys9) protein from 293T
 whole cell extracts using 5 ug of Histone H3 (tri-Methyl Lys9). Western
 blot analysis was performed using Histone H3 (tri-Methyl Lys9). EasyBlot
 anti-Rabbit IgG was used as a secondary reagent.



Western Blot: HIST1H3A Antibody [NBP2-16841] - Various whole cell
extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane
was blotted with Histone H3K9me3 (Tri-methyl Lys9) antibody diluted at
1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect
the primary antibody. Corresponding RNA expression data for the same
cell lines are based on Human Protein Atlas program.





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Products Related to NBP2-16841

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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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