

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

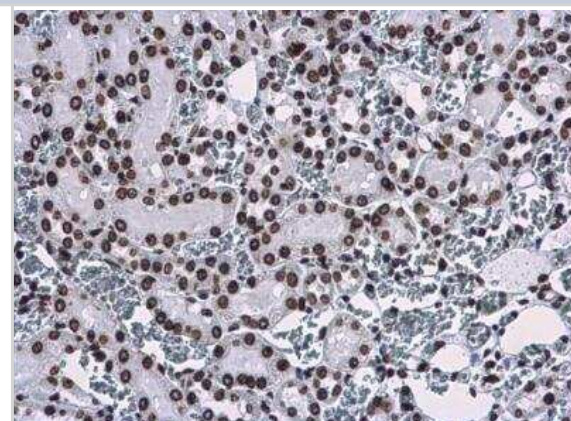
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.025% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS, 1% BSA, 20% Glycerol |
| Target Molecular Weight | 15 kDa |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Rabbit HIST1H3A Antibody (NBP2-16841) 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, Canine |
| Reactivity Notes | Chimpanzee (100%). |
| Immunogen | Carrier-protein conjugated synthetic peptide surrounding tri-methyl Lys9 of human HIST1H3A. The exact sequence is proprietary. |

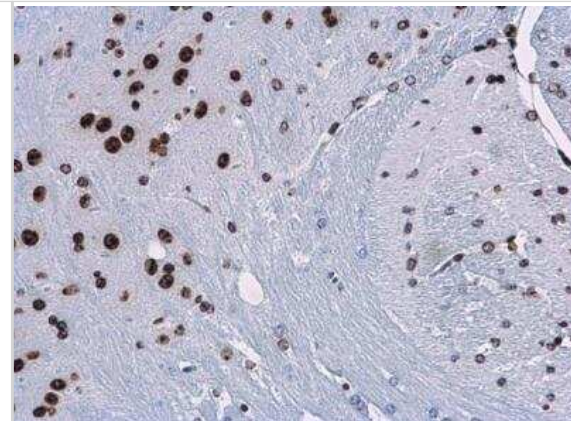
| Product Application Details | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| Recommended Dilutions | 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

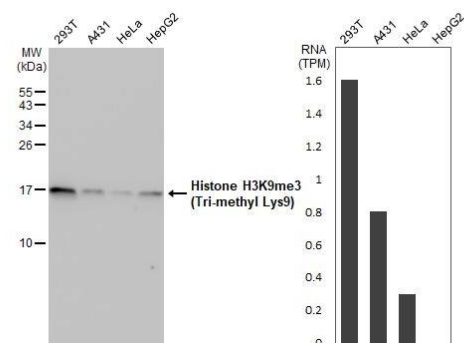
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16841] - Paraffin-embedded rat kidney. Histone H3K9me3 (trimethyl Lys9) antibody diluted at 1:500.



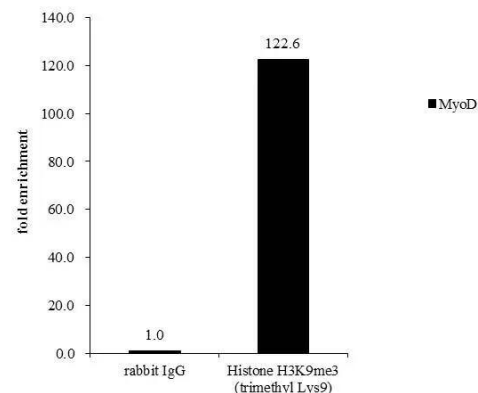
Immunohistochemistry-Paraffin: HIST1H3A Antibody [NBP2-16841] - Paraffin-embedded mouse brain. Histone H3K9me3 (trimethyl Lys9) antibody diluted at 1:500.



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.

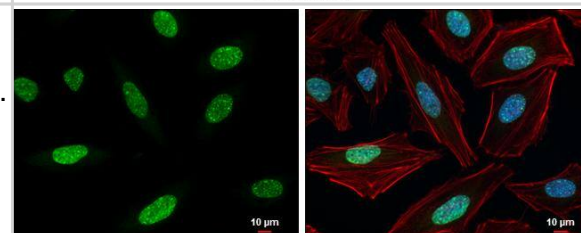


Cross-linked ChIP was performed with HepG2 chromatin extract and 5 ug of either normal rabbit IgG or anti-Histone H3K9me3 (trimethyl Lys9) antibody. The precipitated DNA was detected by PCR with primer set targeting to MyoD.



Histone H3K9me3 (trimethyl Lys9) antibody detects Histone H3K9me3 (trimethyl Lys9) protein at nucleus by immunofluorescent analysis. Sample: 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 (NBP2-16841) diluted at 1:500.
 Red: Phalloidin, a cytoskeleton marker, diluted at 1:200.
 Blue: Hoechst 33342 staining.
 Scale bar = 10 um.





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Products Related to NBP2-16841

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