

Product Datasheet

HIST1H3A Antibody NBP2-16837

Unit Size: 0.1 ml

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

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NBP2-16837

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	0.01% Thimerosal
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 (NBP2-16837) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8350
Gene Symbol	H3C1
Species	Human, Mouse
Reactivity Notes	Chimpanzee (100%).
Immunogen	Carrier-protein conjugated synthetic peptide surrounding acetyl Lys9/Lys14 of human HIST1H3A. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Dot Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:5000-1:20000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Dot Blot

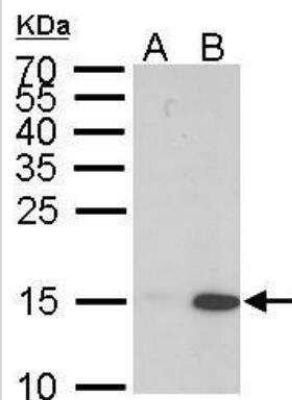
Images

Western Blot: HIST1H3A Antibody [NBP2-16837] - Histone H3 (acetyl Lys 9, Lys14) antibody detects Histone H3 (acetyl Lys 9, Lys14) protein by western blot analysis, 15% SDS-PAGE.

A. 30 ug HeLa whole cell lysate/extract (untreated)

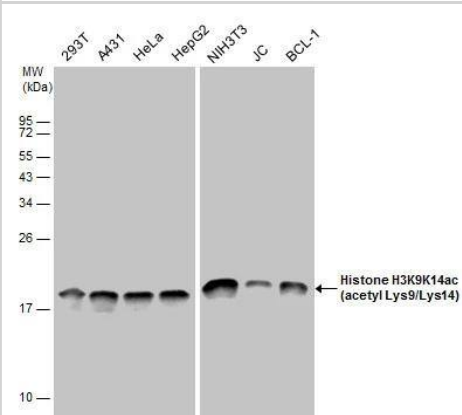
B. 30 ug HeLa whole cell lysate/extract (0.4 uM Trichostatin treatment for 18 hr)

The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Histone H3K9K14ac (acetyl Lys9/Lys14) antibody detects Histone H3K9K14ac (acetyl Lys9/Lys14) protein by western blot analysis.

Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Histone H3K9K14ac (acetyl Lys9/Lys14) antibody (NBP2-16837) diluted at a dilution of 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

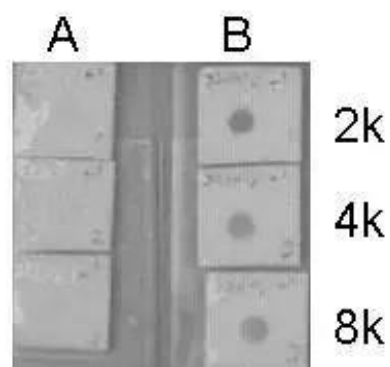


Dotblot analysis of anti-Histone H3 (acetyl Lys 9, Lys14) antibody with peptide samples.

Peptide samples (0.1 ug) were spotted onto positively charged nylon membrane and blotted with Histone H3 (acetyl Lys 9, Lys14) antibody (NBP2-16837) at different dilution as indicated.

A: Peptide samples of Histone H3.1

B: Peptide samples of Histone H3 (acetyl Lys 9, Lys14)



Histone H3K9K14ac (acetyl Lys9/Lys14) antibody detects Histone H3K9K14ac (acetyl Lys9/Lys14) protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H3K9K14ac (acetyl Lys9/Lys14) protein stained by Histone H3K9K14ac (acetyl Lys9/Lys14) antibody (NBP2-16837) diluted at 1:1000.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000.

Blue: Hoechst 33342 staining.





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Products Related to NBP2-16837

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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