

Product Datasheet

Histone H3.1 [ac Lys14] Antibody (3H3) - BSA Free NBP3-26533-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26533-100ul

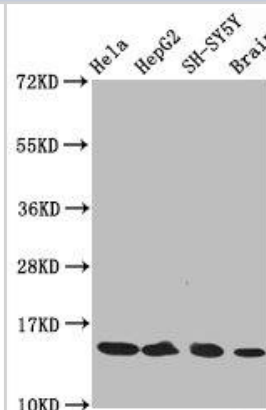
Histone H3.1 [ac Lys14] Antibody (3H3) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	8353
Gene Symbol	H3C6
Species	Human, Rat
Immunogen	Synthesized peptide [UniProt P68431]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:500

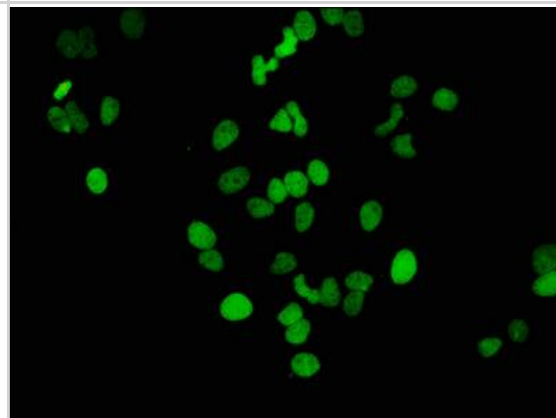


Images

Western Blot: Histone H3.1 [ac Lys14] Antibody (3H3) [NBP3-26533] - Positive Western Blot detected in Hela whole cell lysate. HepG2 whole cell lysate. SH-SY5Y whole cell lysate. Rat brain tissue.
All lanes: Histone H3.1 [ac Lys14] Antibody at 0.75 ug/ml.
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.
Predicted band size: 15 KDa
Observed band size: 15 KDa



Immunocytochemistry/Immunofluorescence: Histone H3.1 [ac Lys14] Antibody (3H3) [NBP3-26533] - Staining of Hela cells (treated by 15mM sodium butyrate for 30min) with Histone H3.1 [ac Lys14] Antibody (3H3) at 1:46, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



Immunocytochemistry/Immunofluorescence: Histone H3.1 [ac Lys14] Antibody (3H3) [NBP3-26533] - Analysis of Histone H3.1 [ac Lys14] Antibody (3H3) diluted at 1:100 and staining in Hela cells. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBL1-11567	H4/j 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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