

# Product Datasheet

## Histone H3.1 [ac Lys4] Antibody (4H6) - BSA Free NBP3-26532-100ul

Unit Size: 100 ul

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

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**NBP3-26532-100ul**

Histone H3.1 [ac Lys4] Antibody (4H6) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4H6
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Histone H3.1 [ac Lys4] Antibody (4H6) - BSA Free (NBP3-26532) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8353
<b>Gene Symbol</b>	H3C6
<b>Species</b>	Human
<b>Immunogen</b>	Synthesized peptide [UniProt P68431]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:500

## Images

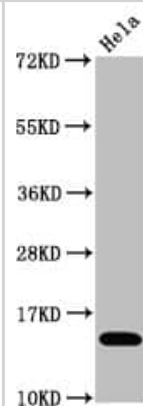
Western Blot: Histone H3.1 [ac Lys4] Antibody (4H6) [NBP3-26532] - Positive Western Blot detected in HeLa whole cell lysate. treated by 15mM sodium butyrate for 30min.

All lanes: Histone H3.1 [ac Lys4] Antibody at 1.1ug/ml.

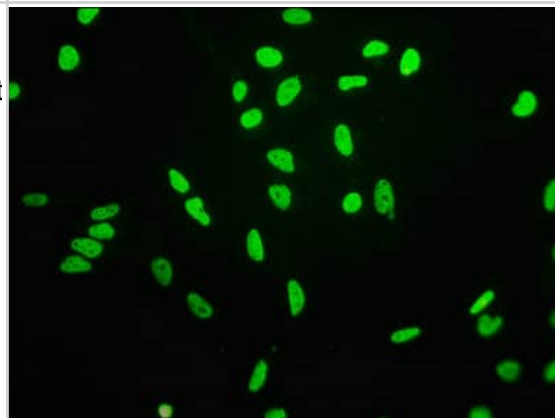
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 15 KDa

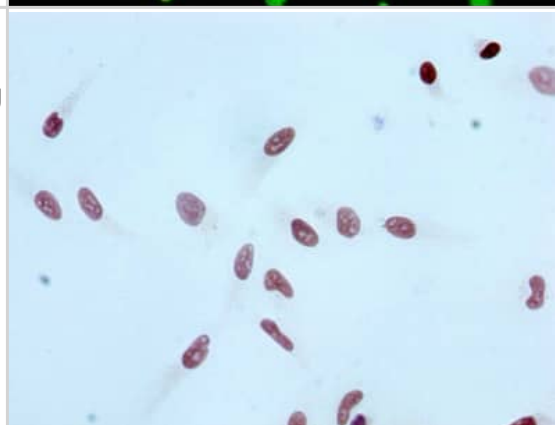
Observed band size: 15 KDa



Immunocytochemistry/Immunofluorescence: Histone H3.1 [ac Lys4] Antibody (4H6) [NBP3-26532] - Staining of HeLa cells (treated by 15mM sodium butyrate for 30min) with Histone H3.1 [ac Lys4] Antibody (4H6) at 1:68, 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 Lys4] Antibody (4H6) [NBP3-26532] - Analysis of Histone H3.1 [ac Lys4] Antibody (4H6) 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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### **Products Related to NBP3-26532-100ul**

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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

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### **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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