

# Product Datasheet

## HIST1H3A Antibody (JU43-26)

### NBP2-75522

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-75522**

HIST1H3A Antibody (JU43-26)

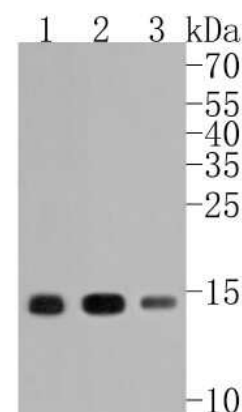
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU43-26
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	15 kDa

Product Description	
Host	Rabbit
Gene ID	8350
Gene Symbol	H3C1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human HIST1H3A aa 1-50 / 136 (acetyl K14) . (SwissProt: P68431 Human; SwissProt: P68433 Mouse; SwissProt: Q6LED0 Rat)

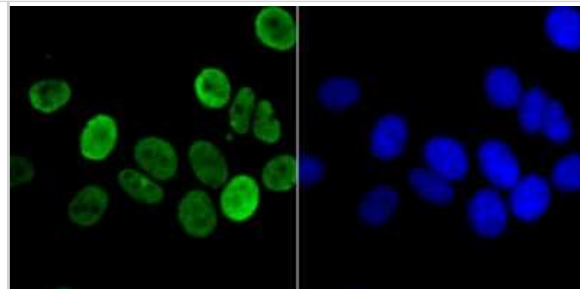
Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Chromatin Immunoprecipitation, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

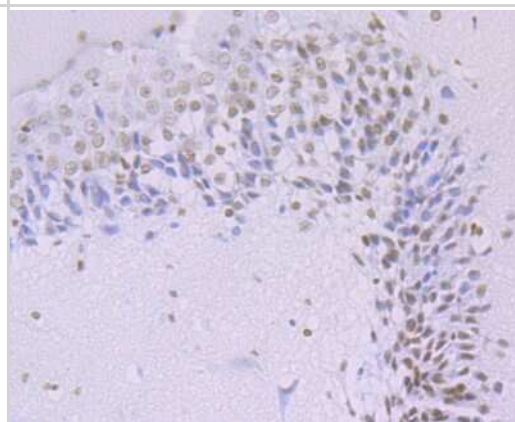
Western Blot: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Western blot analysis of HIST1H3A on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Jurkat cell lysate Lane 2: rat liver tissue lysate Lane 3: mouse lung tissue lysate



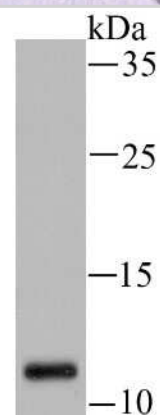
Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Staining Histone H3 (acetyl K14) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



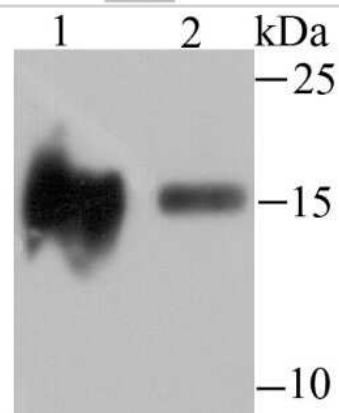
Immunohistochemistry-Paraffin: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Analysis of paraffin-embedded rat brain tissue using anti-Histone H3 (acetyl K14) antibody. Counter stained with hematoxylin.



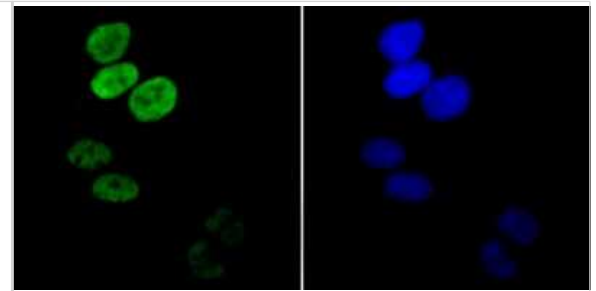
Western Blot: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Analysis of Histone H3 (acetyl K14) on Jurkat cell lysate using anti-Histone H3 (acetyl K14) antibody at 1/500 dilution.



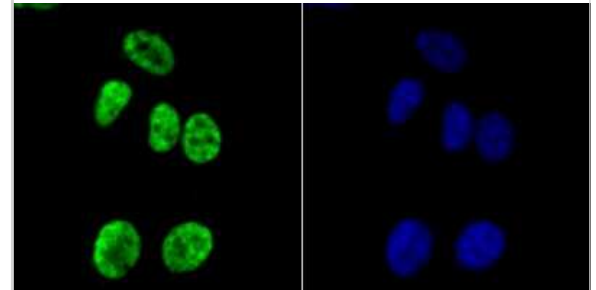
Western Blot: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Analysis of Histone H3 (acetyl K14) on rat liver (1) and mouse lung (2) tissue lysate using anti-Histone H3 (acetyl K14) antibody at 1/500 dilution.



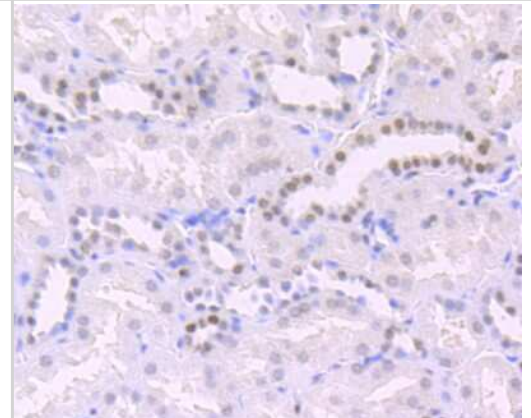
Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Staining Histone H3 (acetyl K14) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Staining Histone H3 (acetyl K14) in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: HIST1H3A Antibody (JU43-26) [NBP2-75522] - Analysis of paraffin-embedded human kidney tissue using anti-Histone H3 (acetyl K14) antibody. Counter stained with hematoxylin.





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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

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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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