

# Product Datasheet

## Histone H3 [ac Lys56] Antibody (SU30-10) NBP2-67489

Unit Size: 100 ul

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

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**NBP2-67489**

Histone H3 [ac Lys56] Antibody (SU30-10)

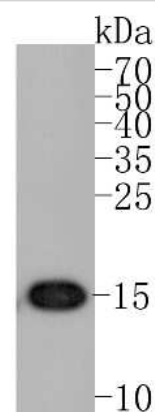
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SU30-10
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	15 kDa

Product Description	
Host	Rabbit
Gene Symbol	H3C14
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Histone H3 aa 31-80 / 136. (SwissProt: P68431 Human; SwissProt: P84243 Human; SwissProt: Q71DI3 Human; SwissProt: P68433 Mouse; SwissProt: Q6LED0 Rat)

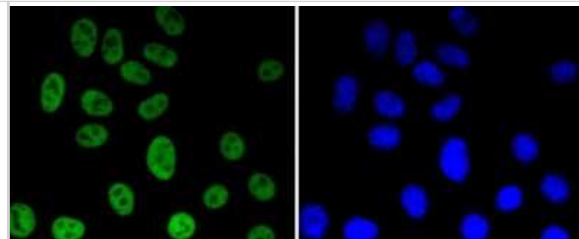
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:800

**Images**

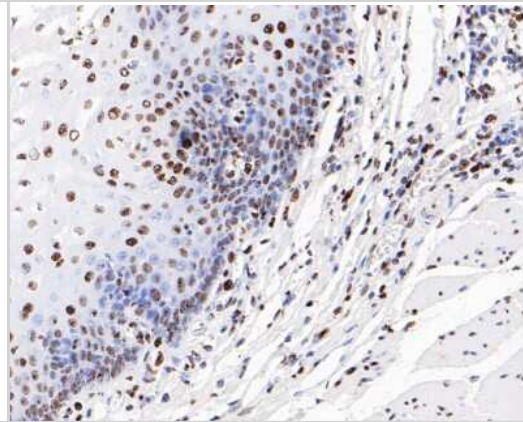
Western Blot: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Western blot analysis of Histone H3 on HepG2 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat An



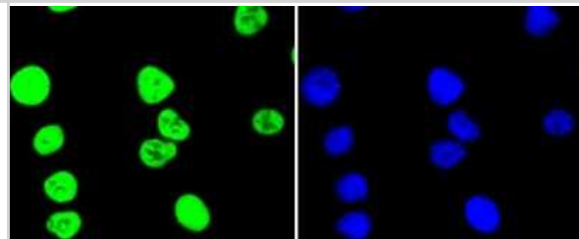
Immunocytochemistry/Immunofluorescence: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Staining Histone H3(acetyl K56) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



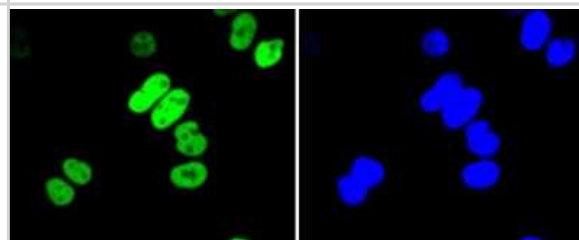
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded human esophageal carcinoma tissue with Rabbit anti-Histone H3 [ac LysK56] antibody washed with ddH2O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



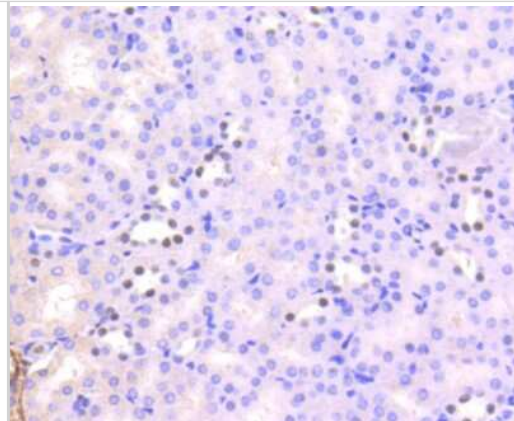
Immunocytochemistry/Immunofluorescence: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Staining Histone H3(acetyl K56) in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



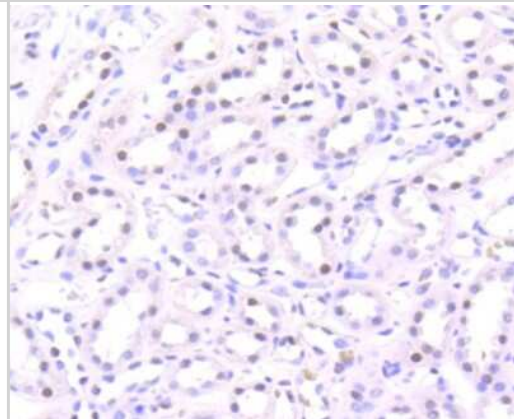
Immunocytochemistry/Immunofluorescence: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Staining Histone H3(acetyl K56) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



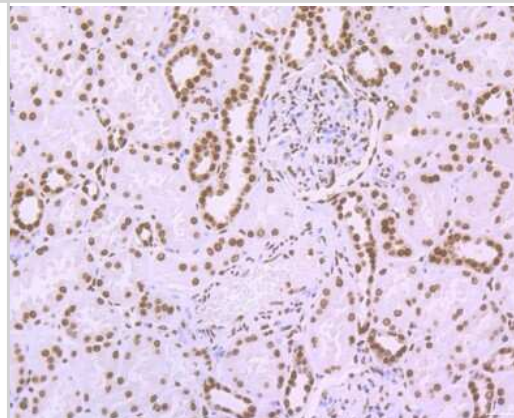
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded mouse kidney tissue using anti-Histone H3(acetyl K56) antibody. Counter stained with hematoxylin.



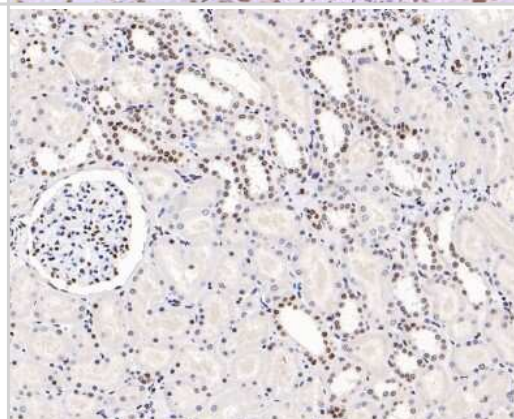
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded human kidney tissue using anti-Histone H3(acetyl K56) antibody. Counter stained with hematoxylin.



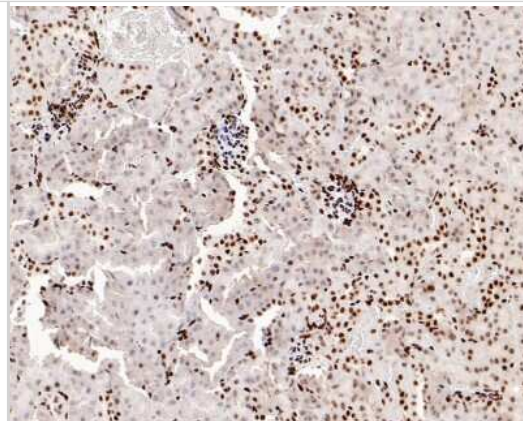
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Histone H3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (ET1608-9, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



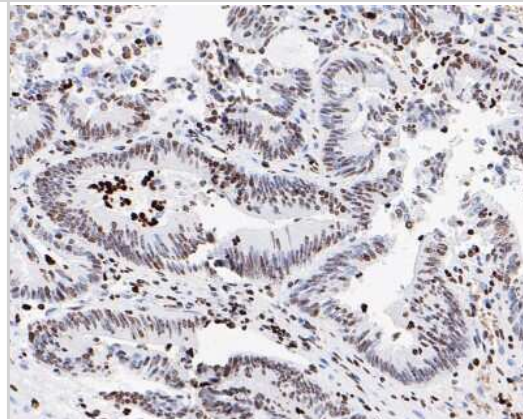
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded human kidney tissue with Rabbit anti-Histone H3[ac LysK56] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/800 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



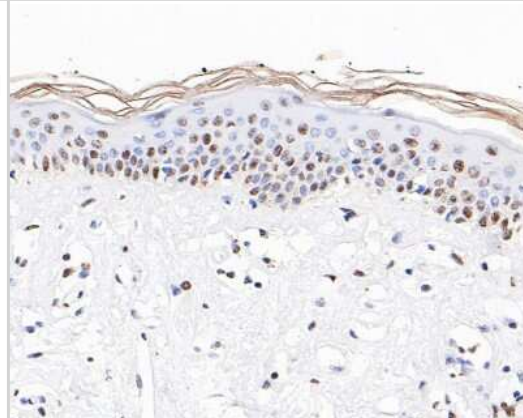
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded mouse kidney tissue with Rabbit Histone H3 [ac Lys56] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/800 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



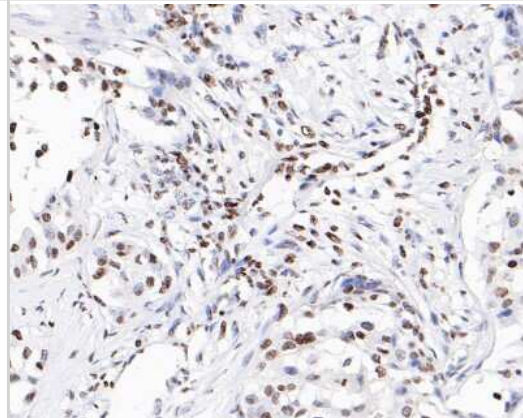
Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Histone H3 [ac LysK56] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded human skin tissue with Rabbit anti-Histone H3 [ac Lys56] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Histone H3 [ac Lys56] Antibody (SU30-10) [NBP2-67489] - Analysis of paraffin-embedded human breast carcinoma tissue with Rabbit anti-Histone H3 [ac LysK56] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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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