

Product Datasheet

Histone H4 [ac Lys5] Antibody (SR31-07) NBP2-67342

Unit Size: 100 ul

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

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NBP2-67342

Histone H4 [ac Lys5] Antibody (SR31-07)

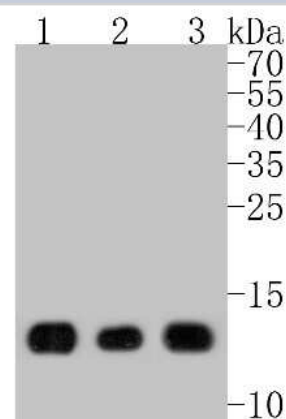
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SR31-07
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	121504
Gene Symbol	HIST4H4
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Histone H4 aa 1-50 / 103 (acetyl K5). (SwissProt: P62805 Human; SwissProt: P62806 Mouse; SwissProt: P62804 Rat)

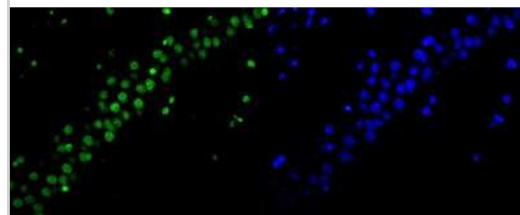
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:400, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:1000

Images

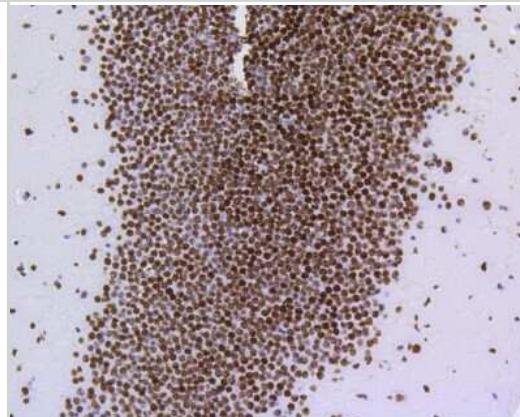
Western Blot: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Western blot analysis of Histone H4 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Ant



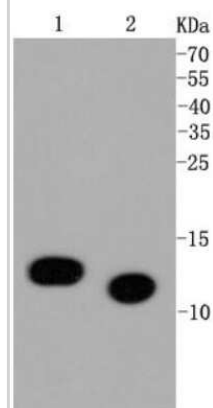
Immunocytochemistry/Immunofluorescence: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Immunofluorescence staining of paraffin- embedded rat brain tissue using anti-Histone H4 rabbit polyclonal antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes.(sodium citrate buffer (pH6) for 20 mins.) The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with ET1602-40 at 1/300 dilution for 10 hours at 4C and detected using Alexa Fluor(R) 488 conjugate-Goat anti-Rabbit IgG (H+L) Secondary Antibody at a dilution of 1:500 for 1 hour at room temperature.



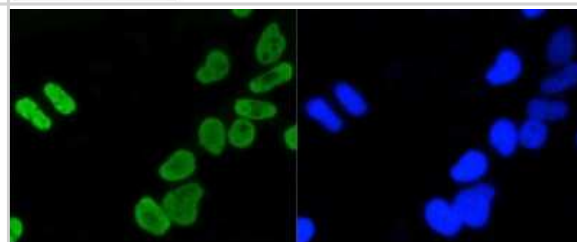
Immunohistochemistry-Paraffin: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Histone H4 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (ET1602-40, 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.



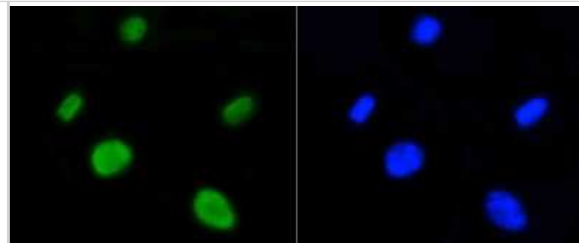
Western Blot: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Analysis of Histone H4(acetyl K5) on different cell lysates using anti-Histone H4(acetyl K5) antibody at 1/1,000 dilution. Positive control: Lane 1: CRC Lane 2: Hela



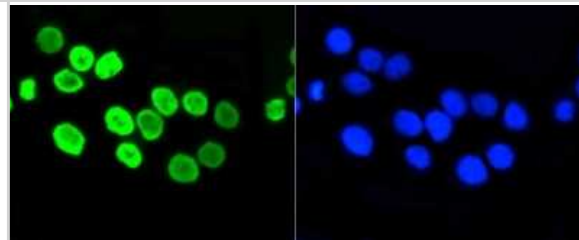
Immunocytochemistry/Immunofluorescence: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Staining Histone H4(acetyl K5) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



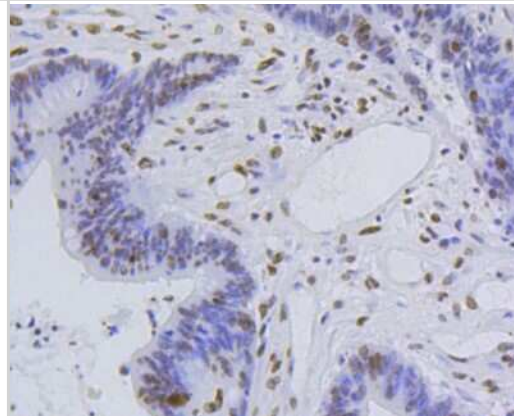
Immunocytochemistry/Immunofluorescence: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Staining Histone H4(acetyl K5) in SH-SY-5Y cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



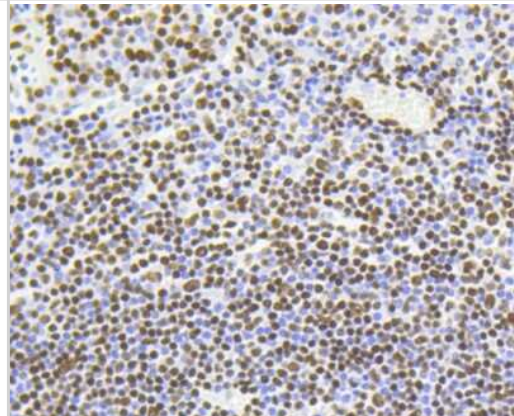
Immunocytochemistry/Immunofluorescence: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Staining Histone H4(acetyl K5) in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



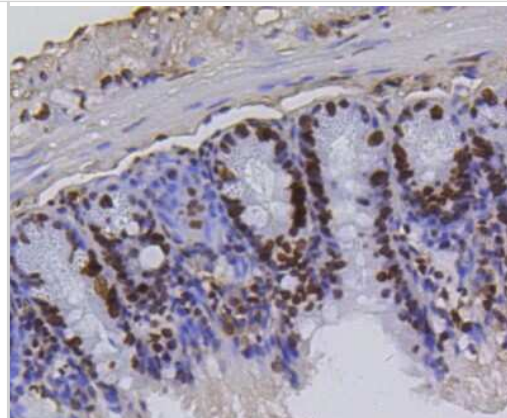
Immunohistochemistry-Paraffin: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Analysis of paraffin-embedded human colon cancer tissue using anti-Histone H4(acetyl K5) antibody. Counter stained with hematoxylin.



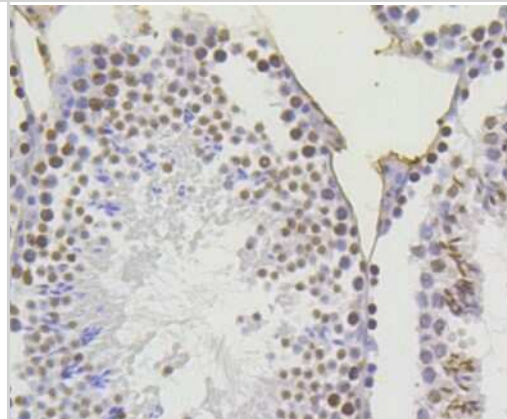
Immunohistochemistry-Paraffin: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Analysis of paraffin-embedded human tonsil tissue using anti-Histone H4(acetyl K5) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Analysis of paraffin-embedded mouse colon tissue using anti-Histone H4(acetyl K5) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H4 [ac Lys5] Antibody (SR31-07) [NBP2-67342] - Analysis of paraffin-embedded mouse testis tissue using anti-Histone H4(acetyl K5) antibody. Counter stained with hematoxylin.





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