

Product Datasheet

Histone H3.3 Antibody (ST50-08) NBP2-67530

Unit Size: 100 ul

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

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NBP2-67530**Histone H3.3 Antibody (ST50-08)**

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	ST50-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Histone H3.3 Antibody (ST50-08) (NBP2-67530) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3020
Gene Symbol	H3-3A
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human Histone H3.3 aa 50-100. (SwissProt: P84243 Human; SwissProt: P84244 Mouse; SwissProt: P84245 Rat)

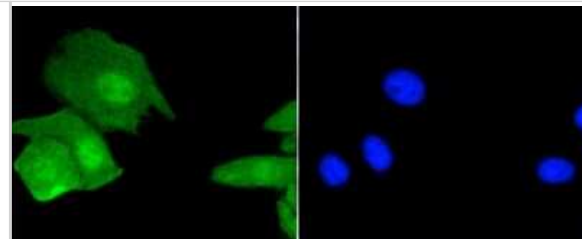
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200, Chromatin Immunoprecipitation (ChIP)

Images

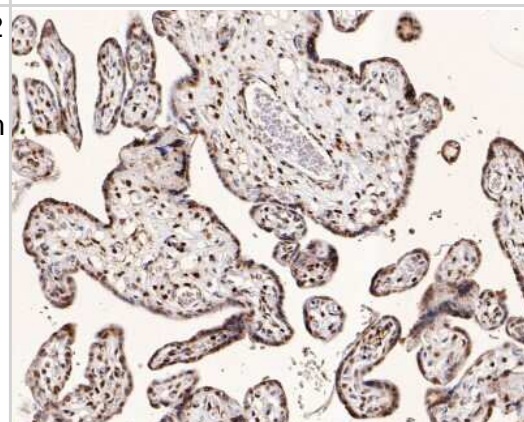
Western Blot: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Western blot analysis of Histone H3.3 on Hela cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:200,000 dilution was used for 1 hour at room temperature.



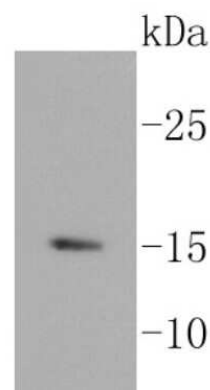
Immunocytochemistry/Immunofluorescence: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Staining Histone H3.3 in BT-20 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



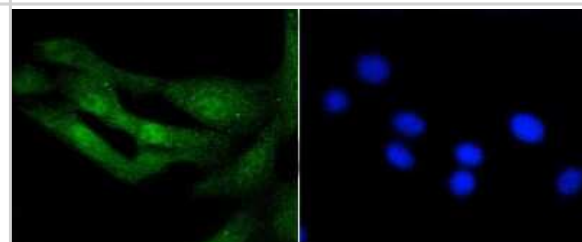
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded human placenta tissue with Rabbit anti-Histone H3.3 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



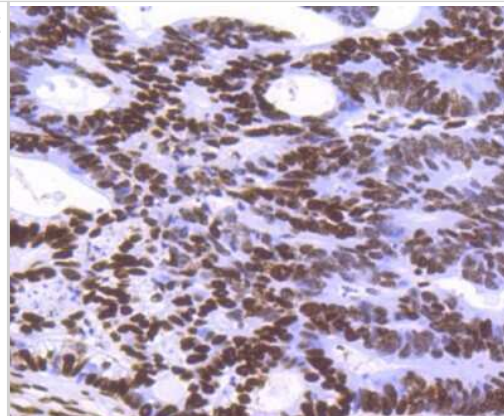
Western Blot: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of Histone H3.3 on BT-20 cell lysates using anti-Histone H3.3 antibody at 1/1,000 dilution.



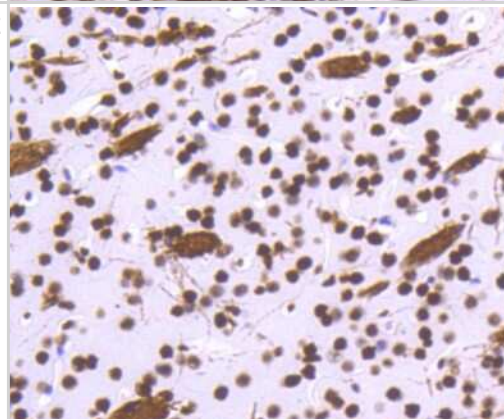
Immunocytochemistry/Immunofluorescence: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Staining Histone H3.3 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



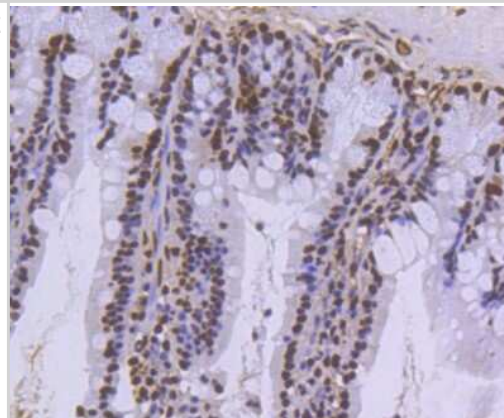
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Histone H3.3 antibody. Counter stained with hematoxylin.



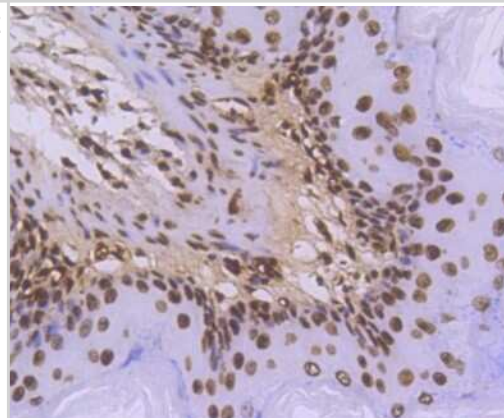
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded mouse brain tissue using anti-Histone H3.3 antibody. Counter stained with hematoxylin.



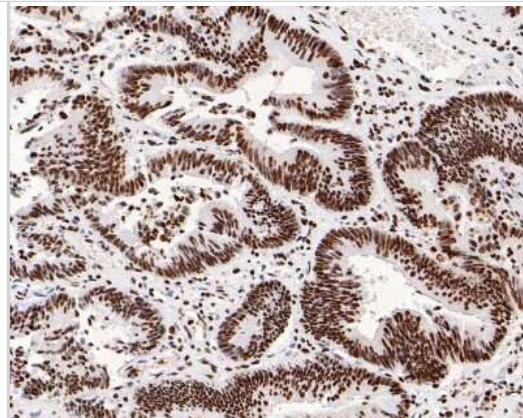
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded mouse colon tissue using anti-Histone H3.3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded mouse stomach tissue using anti-Histone H3.3 antibody. Counter stained with hematoxylin.



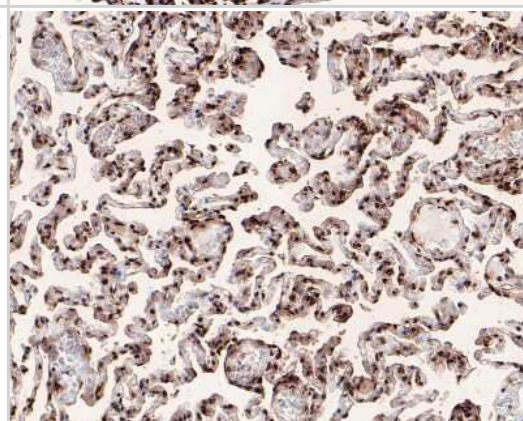
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-Histone H3.3 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



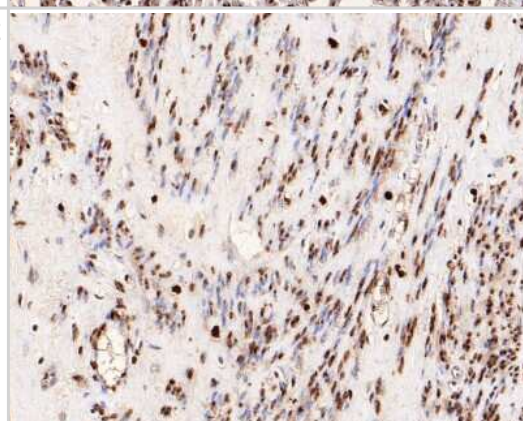
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded mouse colon tissue with Rabbit anti-Histone H3.3 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/800 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



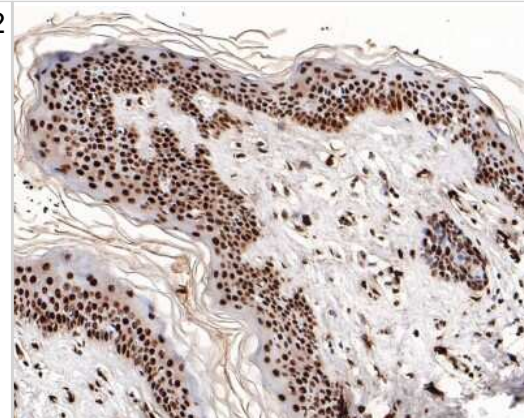
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded human lung tissue with Rabbit anti-Histone H3.3 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded human cervix tissue with Rabbit anti-Histone H3.3 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.



Immunohistochemistry-Paraffin: Histone H3.3 Antibody (ST50-08) [NBP2-67530] - Analysis of paraffin-embedded human skin tissue with Rabbit anti-Histone H3.3 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.





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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
H00008357-P01-10ug	Recombinant Human HIST1H3H GST (N-Term) Protein

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