

Product Datasheet

Histone H3 [ac Lys27] Antibody (2V10N10) NBP3-15933-100ul

Unit Size: 100 ul

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

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NBP3-15933-100ul

Histone H3 [ac Lys27] Antibody (2V10N10)

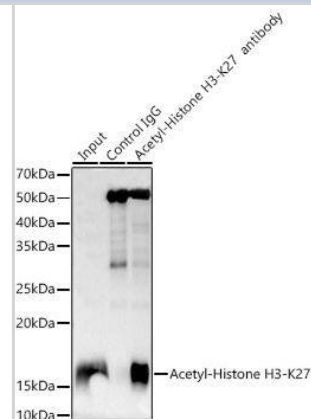
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2V10N10
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Mouse, Rat
Reactivity Notes	Other (Wide Range Predicted)
Immunogen	A synthetic acetylated peptide around K27 of human Histone H3 (P68431). MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREI RRYQKSTELLIRKLFPQRLVREIAQDFKTDLRQSSAVMALQEACEAY

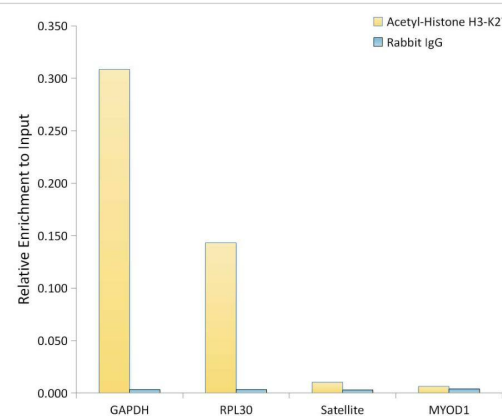
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Dot Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:50 - 1:200, Dot Blot 1:500 - 1:2000, Chromatin Immunoprecipitation (ChIP) 1:50 - 1:200

Images

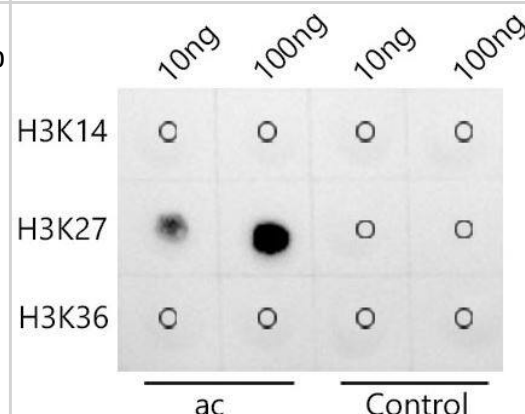
Immunoprecipitation: Histone H3 [ac Lys27] Antibody-Histone H3 [ac Lys27] Antibody (2V10N10)-[NBP3-15933] -



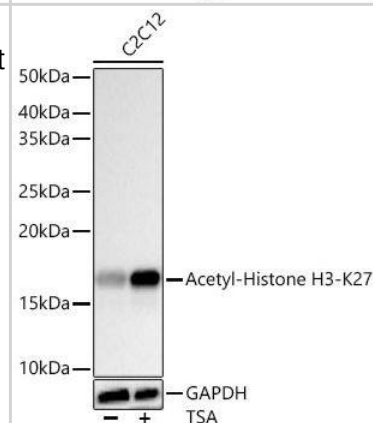
Chromatin Immunoprecipitation: Histone H3 [ac Lys27] Antibody (2V10N10)- [NBP3-15933] - Analysis of extracts of HeLa cells, using Acetyl-Histone H3-K27 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



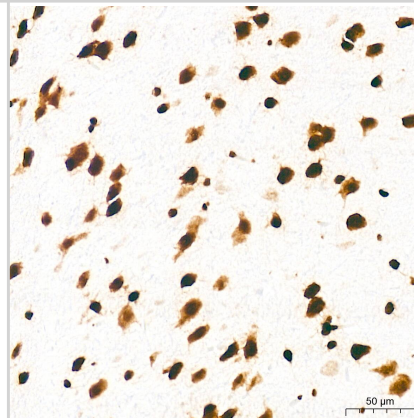
Dot Blot-Histone H3 [ac Lys27] Antibody (2V10N10)-NBP3-15933- Analysis of all sorts of peptides using Acetyl-Histone H3-K27 Rabbit mAb at 1:200000 dilution.



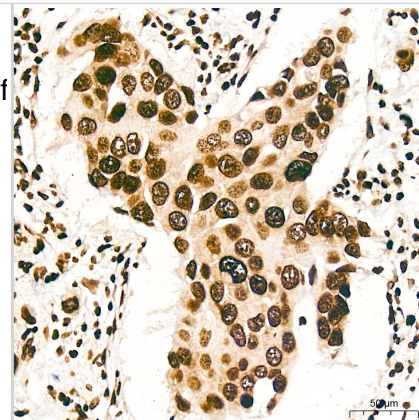
Western Blot: -Histone H3 [ac Lys27] Antibody (2V10N10)-NBP3-15933- analysis of lysates from C2C12 cells using Acetyl-Histone H3-K27 Rabbit mAb at 1:100000 dilution. C2C12 cells were treated by TSA (1 μ M) at 37°C for 18 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 20 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



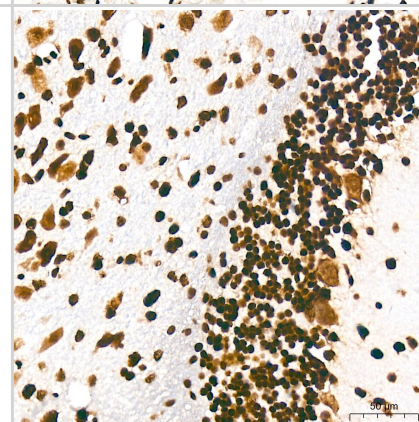
Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



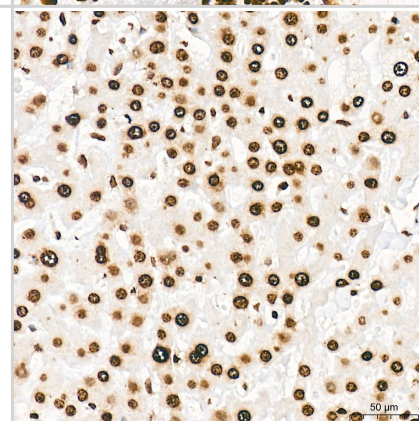
Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



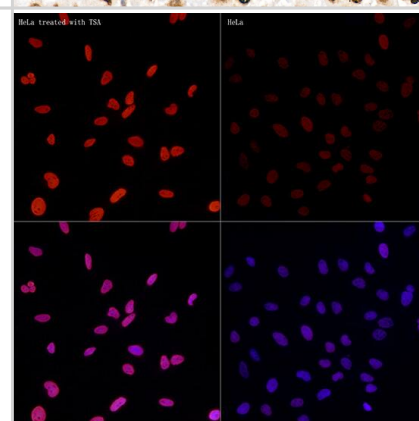
Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



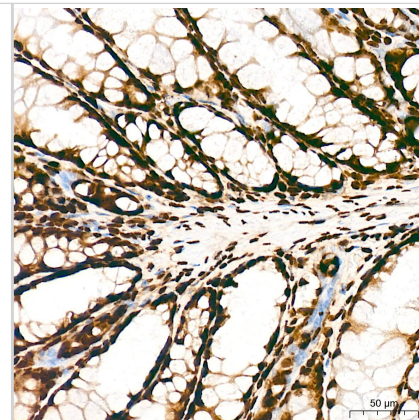
Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunofluorescence analysis of HeLa treated with TSA and HeLa cells using Histone H3 Rabbit mAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



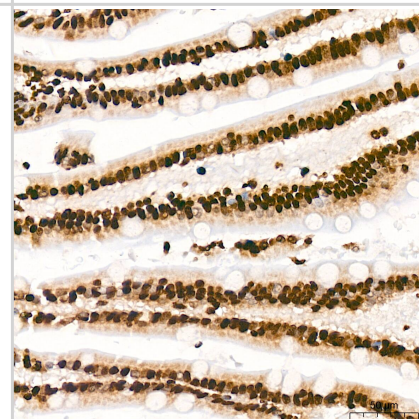
Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



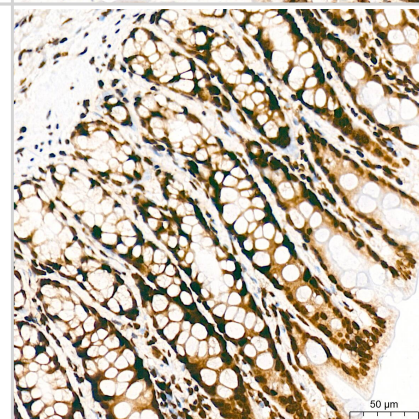
Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Human small intestine tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Histone H3 [ac Lys27] Antibody (2V10N10) [Histone H3] - Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Histone H3 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





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NBP2-24891	Rabbit IgG Isotype Control
NB21-1251PEP	Histone H3 [Monomethyl Lys36] Antibody Blocking Peptide

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