

Product Datasheet

Histone H3.3 Antibody (5C5B8)

NBP3-16489-100ul

Unit Size: 100 ul

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

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NBP3-16489-100ul

Histone H3.3 Antibody (5C5B8)

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	5C5B8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	15 kDa

Product Description

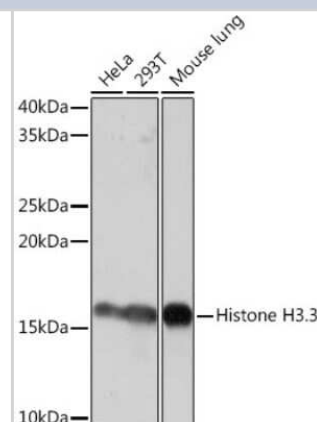
Host	Rabbit
Gene ID	3020
Gene Symbol	H3-3A
Species	Human, Mouse, Rat
Reactivity Notes	Wide Range Predicted
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 57-136 of human Histone H3.3 (P84243). KSTELLIRKLPFQRLVREIAQDFKTDLRFQSAAGALQEASEAYLVGLFEDTNLC AIHAKRVTIMPKDIQLARRIRGERA

Product Application Details

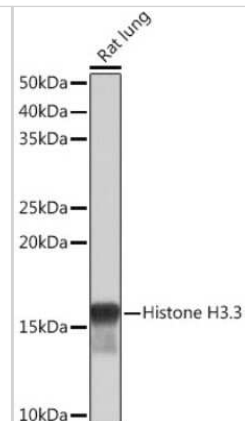
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000, Chromatin Immunoprecipitation (ChIP) 2µg antibody for 5µg-10µg of Chromatin, Chromatin Immunoprecipitation Sequencing 1:50 - 1:200

Images

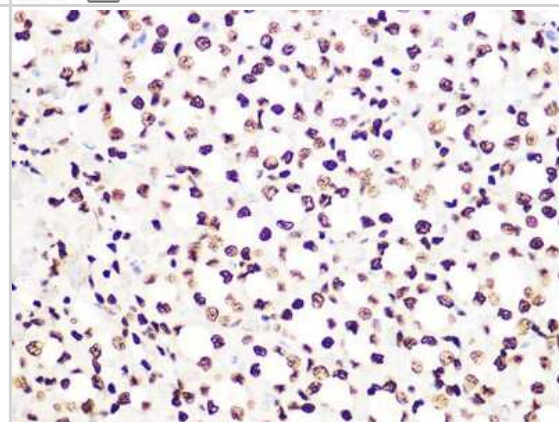
Western Blot: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Western blot analysis of extracts of various cell lines, using Histone H3.3 Rabbit mAb (NBP3-16489) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



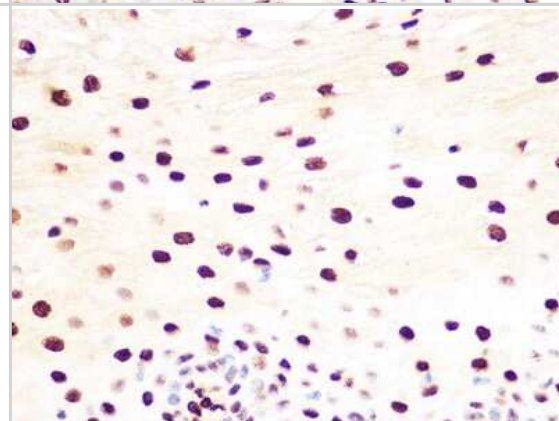
Western Blot: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Western blot analysis of extracts of Rat lung, using Histone H3.3 Rabbit mAb (NBP3-16489) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



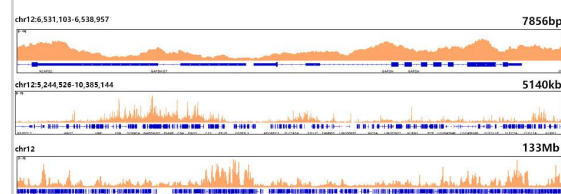
Immunohistochemistry-Paraffin: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Immunohistochemistry of paraffin-embedded rat kidney using Histone H3.3 Rabbit mAb (NBP3-16489) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Histone H3.3 Antibody (5C5B8) [NBP3-16489] - Immunohistochemistry of paraffin-embedded human esophageal using Histone H3.3 Rabbit mAb (NBP3-16489) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Chromatin Immunoprecipitation: Histone H3.3 Antibody (5C5B8) [Histone H3.3] - Chromatin immunoprecipitations were performed with cross-linked chromatin from HeLa cells and Histone H3.3 Rabbit mAb. The ChIP sequencing results indicate the enrichment pattern of Histone H3.3 in selected genomic region and representative gene loci (GAPDH), as shown in figure.





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Products Related to NBP3-16489-100ul

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

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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