

Product Datasheet

Histone H3.3 Antibody - BSA Free NBP2-24697

Unit Size: 0.1 mg

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

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Publications: 4

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NBP2-24697

Histone H3.3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

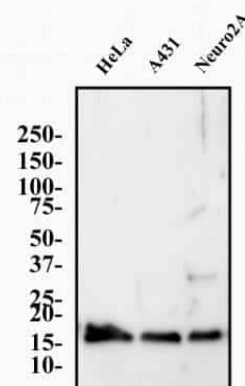
Product Description	
Description	Novus Biologicals Rabbit Histone H3.3 Antibody - BSA Free (NBP2-24697) is a polyclonal antibody validated for use in IHC and WB. Anti-Histone H3.3 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3020
Gene Symbol	H3-3A
Species	Human, Mouse, Bovine, Chicken, Drosophila, Equine, Opossum, Zebrafish
Reactivity Notes	Ortangan (100%), Salmon (100%).
Marker	Marker of Transcriptionally Active Chromatin
Specificity/Sensitivity	100 % homologous in human (Histone H3.3A, B, and C).
Immunogen	A portion of amino acids 100-136 of human Histone H3.3 was used as the immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.25-0.5 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5-10 ug/ml

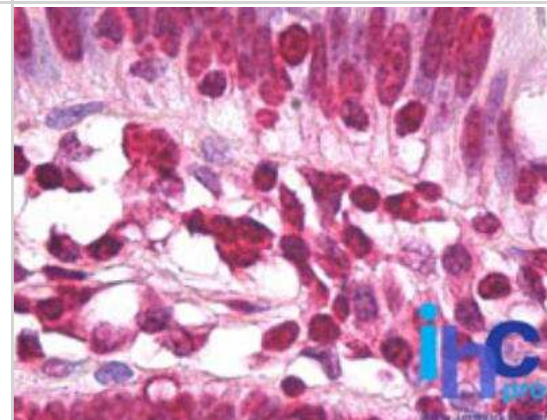


Images

Western Blot: Histone H3.3 Antibody [NBP2-24697] - Total protein from human HeLa and A431 cells and mouse Neuro2A cells was separated on a 4-15% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 0.5 ug/ml anti-Histone H3.3 in blocking buffer with an anti-rabbit HRP secondary antibody using chemiluminescence.



Immunohistochemistry-Paraffin: Histone H3.3 Antibody [NBP2-24697] - Human small intestine stained with Histone H3.3 antibody at 10 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Publications

Chomiak AA, Guo Y, Kopsidas CA et al. Nde1 is required for heterochromatin compaction and stability in neocortical neurons iScience 2022-06-17 [PMID: 35601919] (Immunohistochemistry, Avian - Chicken)

Krawic C, Luczak MW, Zhitkovich A. et Al. Sensitive Detection of Histones and γ -H2AX by Immunoblotting: Problems and Solutions Chem Res Toxicol 2024-09-05 [PMID: 39237351]

Guo Y, Chomiak AA, Hong Y et al. Histone H2A ubiquitination resulting from Brap loss of function connects multiple aging hallmarks and accelerates neurodegeneration iScience 2022-07-15 [PMID: 35754718]

Sanchez-Fernandez C, Lorda-Diez C, Duarte-Olivenza C et al. Histone Epigenetic Signatures in Embryonic Limb Interdigital Cells Fated to Die Cells 2021-04-15 [PMID: 33921015] (IF/IHC, Chicken)



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Products Related to NBP2-24697

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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