

Product Datasheet

HIST1H3A Antibody (CL4967) - BSA Free NBP2-61150

Unit Size: 100 ul

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

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NBP2-61150

HIST1H3A Antibody (CL4967) - BSA Free

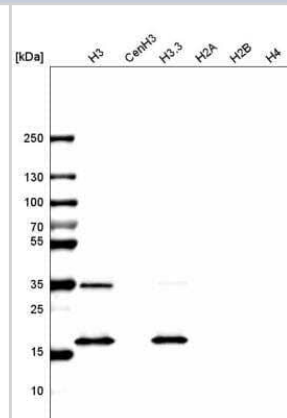
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL4967
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	8350
Gene Symbol	H3C1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a synthetic peptide derived from P68431, with the exact immunogen sequence remaining proprietary.

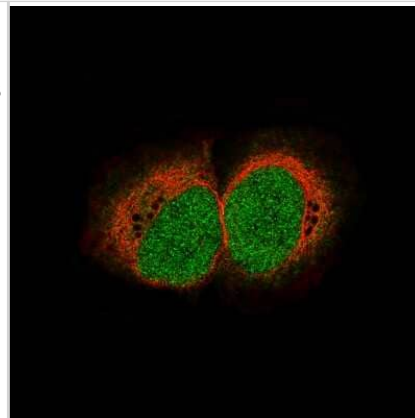
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:10000 - 1:20000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

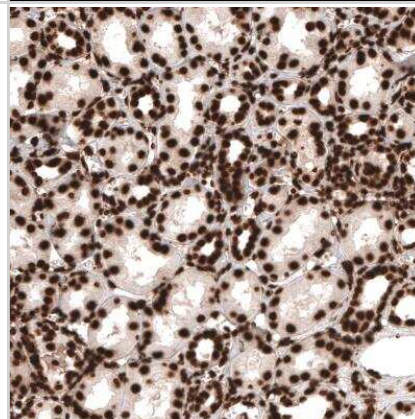
Western Blot: HIST1H3A Antibody (CL4967) [NBP2-61150] - Western blot analysis of purified human recombinant histone H3, CenH3, H3.3, H2A, H2B and H4.



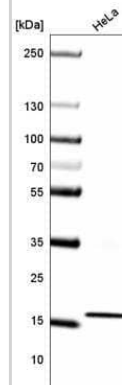
Immunocytochemistry/Immunofluorescence: HIST1H3A Antibody (CL4967) [NBP2-61150] - Staining of U-2 OS cells using the Anti-HIST1H3A monoclonal antibody, showing specific staining in the nucleus in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



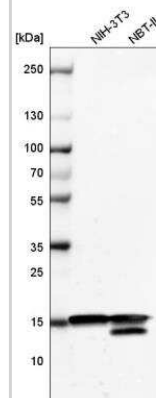
Immunohistochemistry-Paraffin: HIST1H3A Antibody (CL4967) [NBP2-61150] - Immunohistochemical staining of human kidney shows strong nuclear positivity in renal tubules cells.



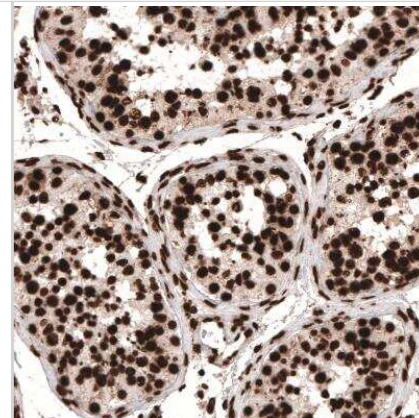
Western Blot: HIST1H3A Antibody (CL4967) [NBP2-61150] - Western blot analysis in human cell line HeLa.



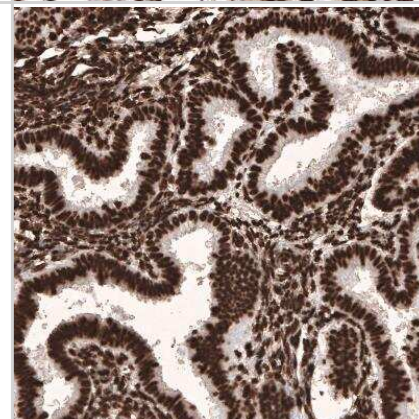
Western Blot: HIST1H3A Antibody (CL4967) [NBP2-61150] - Western blot analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



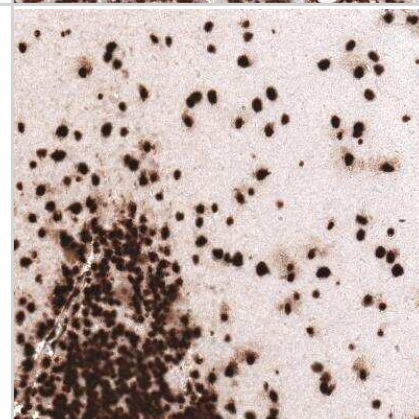
Immunohistochemistry-Paraffin: HIST1H3A Antibody (CL4967) [NBP2-61150] - Immunohistochemical staining of human testis shows strong nuclear positivity in cells in seminiferous tubules.



Immunohistochemistry-Paraffin: HIST1H3A Antibody (CL4967) [NBP2-61150] - Immunohistochemical staining of human endometrium shows strong nuclear positivity in glandular and stromal cells.



Immunohistochemistry-Paraffin: HIST1H3A Antibody (CL4967) [NBP2-61150] - Immunohistochemical staining of human cerebellum shows strong nuclear immunoreactivity in neuronal and glial cells.





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Products Related to NBP2-61150

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-06572	HIST2H3C Overexpression Lysate

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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