

Product Datasheet

HIST1H3A Antibody NBP2-41677

Unit Size: 50 ul

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

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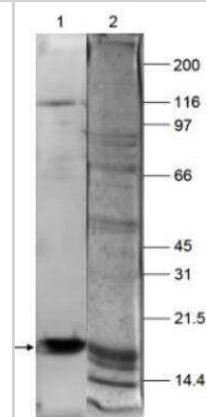
NBP2-41677

HIST1H3A Antibody

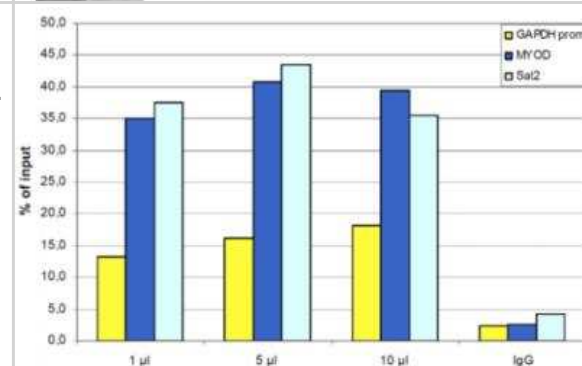
Product Information	
Unit Size	50 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Whole Antiserum
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	8350
Gene Symbol	HIST1H3A
Species	Human
Immunogen	KLH-conjugated synthetic peptide of Histone H3 containing an unmodified sequence from the central part and from the C-terminus of histone H3.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:250, ELISA 1:100 - 1:1000, Dot Blot 1:1000, Chromatin Immunoprecipitation (ChIP) 1 - 5 uL/ChIP

Images

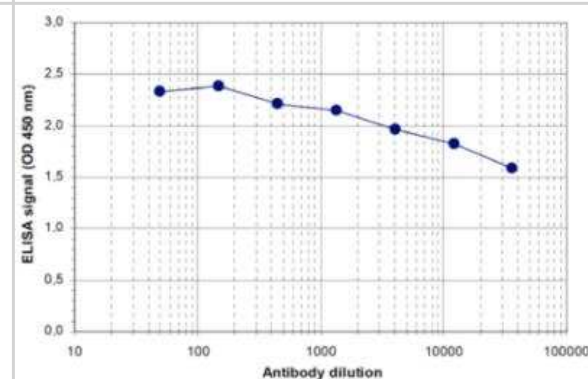
Western Blot: HIST1H3A Antibody [NBP2-41677] - HeLa cells (15 ug) were analyzed by WB blot using the H3 Pan antibody.



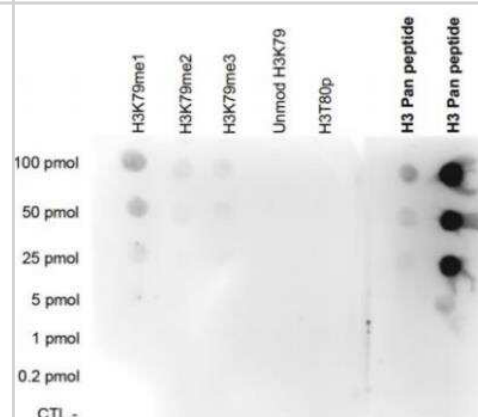
Chromatin Immunoprecipitation (ChIP): HIST1H3A Antibody [NBP2-41677] - ChIP assays were performed using human osteosarcoma (U2OS) cells and the antibody and optimized PCR primer sets for qPCR. A titration of the antibody consisting of 2, 5, 10 and 15 uL per ChIP experiment was analyzed. IgG (5 ug/IP) was used as negative control.



ELISA: HIST1H3A (C-Term) Antibody [NBP2-41677] - By plotting the absorbance against the antibody dilution the titer of the antibody was estimated to be 1:90,000.



Dot Blot: HIST1H3A (C-Term) Antibody [NBP2-41677] - Analysis was performed to test the cross reactivity of the antibody with peptides containing other modifications of histone H3. 100 to 0.2 pmol of the peptide containing the respective histone modification were spotted on a membrane.





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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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