

Product Datasheet

Histone H2a [ubiquitylated Lys119] Antibody - BSA Free NBP2-62793

Unit Size: 50 ug

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

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NBP2-62793

Histone H2a [ubiquitylated Lys119] Antibody - BSA Free

Product Information	
Unit Size	50 ug
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 and 0.05% ProClin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS

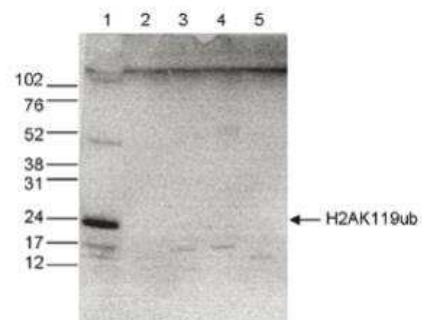
Product Description	
Description	Novus Biologicals Rabbit Histone H2a [ubiquitylated Lys119] Antibody - BSA Free (NBP2-62793) is a polyclonal antibody validated for use in WB, ELISA and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8338
Gene Symbol	H2AC20
Species	Human
Immunogen	Region of histone H2A containing the ubiquitinylated lysine 119 (H2AK119ub)

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:200, ELISA 1:200, Dot Blot 1:20000, Chromatin Immunoprecipitation (ChIP) 2 - 5 ug

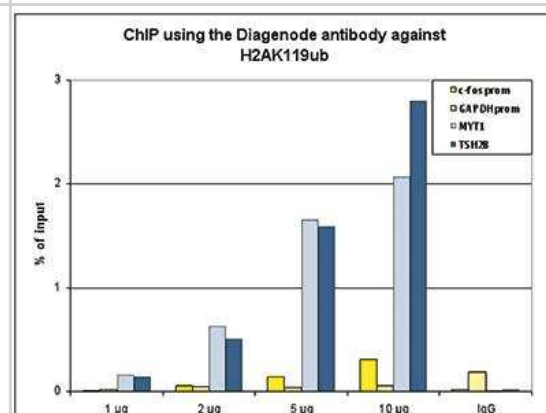


Images

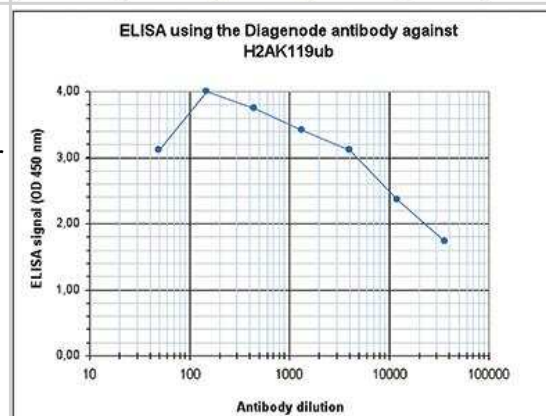
Western Blot: Histone H2a [ubiquitylated Lys119] Antibody [NBP2-62793] - Analysis was performed on whole cell extracts from HeLa cells (25 ug, lane 1), and on 1 ug of recombinant histone H2A, H2B, H3 and H4 (lane 2, 3, 4 and 5, respectively) using the antibody against H2AK119ub.



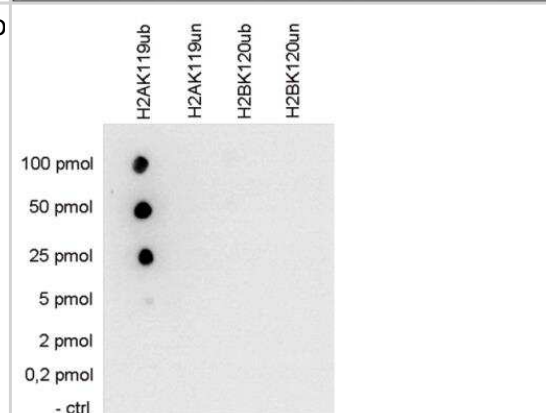
Chromatin Immunoprecipitation (ChIP): Histone H2a [ubiquitylated Lys119] Antibody [NBP2-62793] - Assays were performed using human HeLa cells, the antibody against H2AK119ub and optimized PCR primer pairs for qPCR. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



ELISA: Histone H2a [ubiquitylated Lys119] Antibody [NBP2-62793] - To determine the titer of the antibody, an analysis was performed using a serial dilution of the Diagenode antibody against H2AK119ub. The antigen used was a peptide containing the histone modification of interest. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:23,000.



Dot Blot: Histone H2a [ubiquitylated Lys119] Antibody [NBP2-62793] - To test the cross reactivity of the antibody against H2AK119ub, a Dot Blot analysis was performed with peptides containing other histone ubiquitylations and unmodified sequences. This Figure shows a high specificity of the antibody for the modification of interest.





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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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