

Product Datasheet

Histone H4 [ac Lys12] Antibody (C.15200218) - BSA Free NBP2-59241

Unit Size: 50 ug

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

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Updated 9/9/2025 v.20.1

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NBP2-59241

Histone H4 [ac Lys12] Antibody (C.15200218) - 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	Monoclonal
Clone	C.15200218
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description

Description	Novus Biologicals Mouse Histone H4 [ac Lys12] Antibody (C.15200218) - BSA Free (NBP2-59241) is a monoclonal antibody validated for use in WB and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	121504
Gene Symbol	H4C16
Species	Human
Immunogen	The exact immunogen is proprietary information.

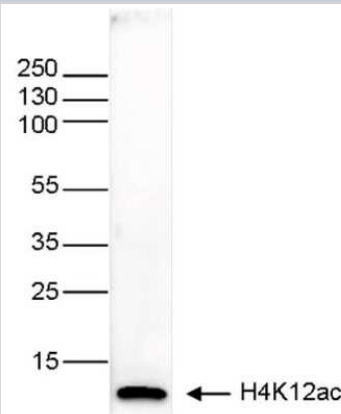
Product Application Details

Applications	Western Blot, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500, Chromatin Immunoprecipitation (ChIP) 1-2 ug

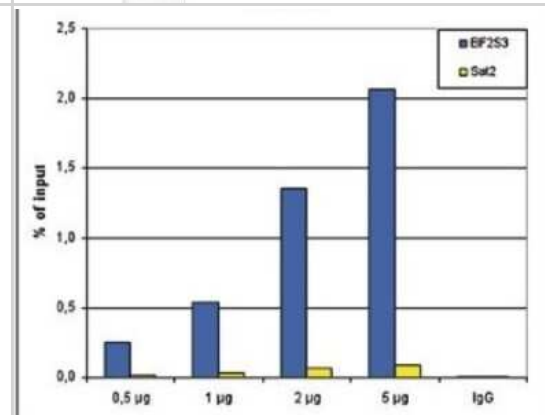


Images

Western Blot: Histone H4 [ac Lys12] Antibody (C.15200218) [NBP2-59241] - Histone extracts (15 ug) from HeLa cells were analyzed using the antibody against H4K12ac diluted 1:500 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right; the marker (in kDa) is shown on the left.



Chromatin Immunoprecipitation: Histone H4 [ac Lys12] Antibody (C.15200218) [NBP2-59241] - ChIP assays were performed using HeLa cells, the monoclonal antibody against H4K12ac and optimized PCR primer sets for qPCR. ChIP was performed with a ChIP-seq kit, using sheared chromatin from 1.5 million cells. A titration of the antibody consisting of 0.5, 1, 2 and 5 ug per ChIP experiment was analysed. IgG (1 ug/IP) was used as negative IP control. QPCR was performed with primers for the coding region of the EIF2S3 gene, used as a positive control, and for the Sat2 satellite repeat, used as a negative control. Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).





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Products Related to NBP2-59241

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB21-2011PEP	Histone H4 [Monomethyl Arg3] Antibody Blocking Peptide

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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