

Product Datasheet

SUV39H2 Antibody NB100-1140

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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NB100-1140

SUV39H2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat SUV39H2 Antibody (NB100-1140) is a polyclonal antibody validated for use in WB, ELISA, ICC/IF, IP and ChIP. Anti-SUV39H2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	79723
Gene Symbol	SUV39H2
Species	Human, Rat
Immunogen	Peptide with sequence CKCGAVTCRGYLN corresponding to C-Terminus according to NP_078946.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Peptide ELISA, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Peptide ELISA detection limit 1:8000, Chromatin Immunoprecipitation (ChIP)
Application Notes	ChIP: An anonymous customer has reported it to work very well. IP per customer review. ICC per customer review. WB: Approx. 38 kDa band observed in rat kidney and testis lysates (calculated MW of 39.9 kDa band according to NP_078946.1).Preliminary testing was unsuccessful on Mouse, Human and Pig Testis and HEK293 cell line for this particular batch. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID:31682228).



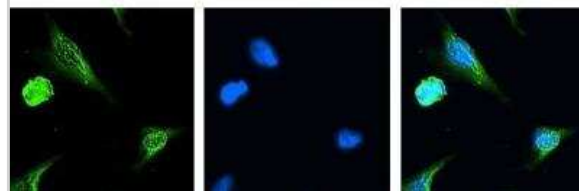
Images

Western Blot: SUV39H2 Antibody [NB100-1140] - staining of Rat Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa

Immunocytochemistry: SUV39H2 Antibody [NB100-1140] - Dermal Microvascular Endothelial Cells were fixed with 4% Paraformaldehyde followed by immunofluorescence staining using 1:100 dilution of pAb. This image was submitted via customer Review.

SUV39H2 DAPI MERGE



Publications

Roy A, Ghosh A, Kumar B, Chandran B IFI16, a nuclear innate immune DNA sensor, mediates epigenetic silencing of herpesvirus genomes by its association with H3K9 methyltransferases SUV39H1 and GLP Elife 2019-11-04 [PMID: 31682228] (IP, ICC/IF, Chemotaxis, WB, Human)

Peters AH, O'Carroll D, Scherthan H et al. Loss of the Suv39h histone methyltransferases impairs mammalian heterochromatin and genome stability. Cell 2001-11-02 [PMID: 11701123]



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Products Related to NB100-1140

NBL1-16626	SUV39H2 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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