

Product Datasheet

KMT1A/SUV39H1 Antibody (44.1) - BSA Free NB120-12405

Unit Size: 0.05 ml

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

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NB120-12405

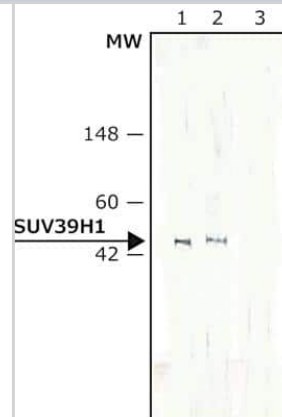
KMT1A/SUV39H1 Antibody (44.1) - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	2.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	44.1
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	6839
Gene Symbol	SUV39H1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Monoclonal Anti-SUV39H1 Histone Methyltransferase recognizes an epitope in the N-terminal (195 amino acids) of human and mouse SUV39H1 Histone Methyltransferase.
Immunogen	Recombinant fusion protein, MBP-SUV39H1.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 2-4 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Microarray

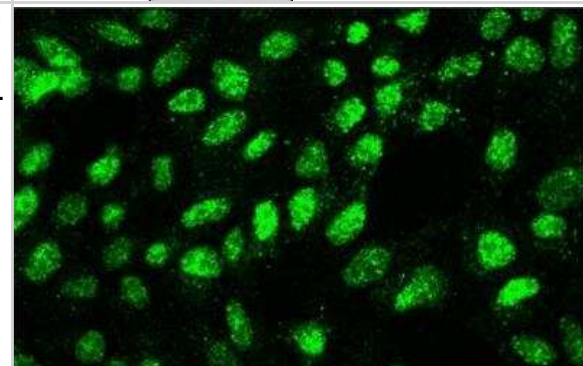


Images

Western Blot: KMT1A/SUV39H1 Antibody (44.1) - BSA Free [NB120-12405] - HeLa nuclear extract were separated on SDS-PAGE and probed with Monoclonal Anti-SUV39H1 Histone Methyltransferase antibody produced in Mouse, Clone: 44.1. The antibody was developed using 1:1000 Anti-Mouse IgG (Fab specific)-Biotin antibody produced in Goat and by 1:10,000 ExtrAvidin-Peroxidase. Lanes: 1. 1:500 antibody 2. 1:1000 antibody 3. Negative Control



Immunocytochemistry/Immunofluorescence: KMT1A/SUV39H1 Antibody (44.1) - BSA Free [NB120-12405] - HeLa cells were fixed and permeabilized with 4% paraformaldehyde followed by 0.5% Triton X-100. Fixed cells were stained with 20 ug/mL Monoclonal Anti-SUV39H1 Histone Methyltransferase Clone: 44.1. The antibody was developed using Goat Anti-Mouse IgG, Atto-488 conjugate.



Publications

Kumari P, Popescu D, Yue S et al. Sirt7 inhibits Sirt1-mediated activation of Suv39h1. Cell Cycle 2018-07-25 [PMID: 29963979] (IP, Mouse)



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Products Related to NB120-12405

NB800-PC1	HeLa Whole Cell Lysate
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)

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