

# Product Datasheet

## KMT1A/SUV39H1 Antibody - BSA Free NBP2-17086

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-17086**

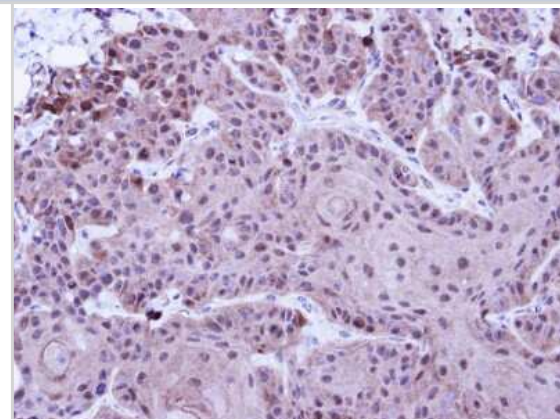
KMT1A/SUV39H1 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	48 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit KMT1A/SUV39H1 Antibody - BSA Free (NBP2-17086) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-KMT1A/SUV39H1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6839
<b>Gene Symbol</b>	SUV39H1
<b>Species</b>	Human, Mouse, Monkey
<b>Reactivity Notes</b>	Xenopus laevis (90%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human KMT1A/SUV39H1. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000

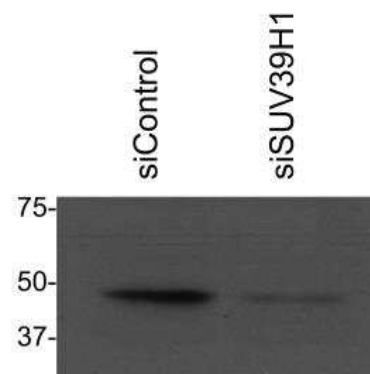


## Images

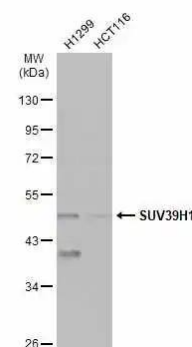
Immunohistochemistry-Paraffin: KMT1A/SUV39H1 Antibody [NBP2-17086] - Cal27 Xenograft, using SUV39H1 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



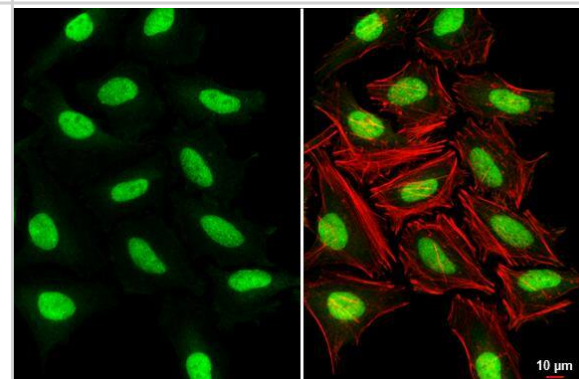
Western Blot: KMT1A/SUV39H1 Antibody [NBP2-17086] - Western blot with anti Suv39H1 after siControl and siSUV39H1 in MCF7 cells. Image from verified customer review.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SUV39H1 antibody [N3C3] (NBP2-17086) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



SUV39H1 antibody [N3C3] detects SUV39H1 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: SUV39H1 stained by SUV39H1 antibody [N3C3] (NBP2-17086) diluted at 1:500. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Scale bar= 10 um.



## Publications

Xu J, Ma H, Ma H et al. Super-resolution imaging reveals the evolution of higher-order chromatin folding in early carcinogenesis Nat Commun 2020-04-20 [PMID: 32313005] (IHC-FrFI, Mouse)



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### **Products Related to NBP2-17086**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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