

Rabbit SUV39H2 Monoclonal Antibody | anti-SUV39H2 antibody

SUV39H2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312659	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

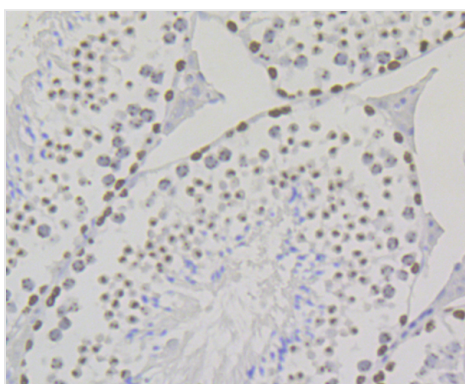
PRODUCT SYNONYMS

SUV39H2; Monoclonal Antibody; SUV39H2 Antibody; FLJ23414 antibody; H3 K9 HMTase 2 antibody; H3-K9-HMTase 2 antibody; Histone H3 K9 methyltransferase 2 antibody; Histone H3-K9 methyltransferase 2 antibody; Histone lysine N methyltransferase H3 lysine 9 specific 2 antibody; Histone lysine N methyltransferase SUV39H2 antibody; Histone-lysine N-methyltransferase SUV39H2 antibody; KMT1B antibody; Lysine N methyltransferase 1B antibody; Lysine N-methyltransferase 1B antibody; sSuppressor of variegation 3 9 homolog 2 (Drosophila) antibody; Su (var)3 9 Drosophila homolog of 2 antibody; Su (var)3 9 homolog 2 antibody; Su (var)3-9 homolog 2 antibody; Suppressor of variegation 3 9 homolog 2 antibody; Suppressor of variegation 3-9 homolog 2 antibody; Suv39h2 antibody; SUV92_HUMAN antibody; anti-SUV39H2 antibody

PRODUCT SPECIFICATIONS

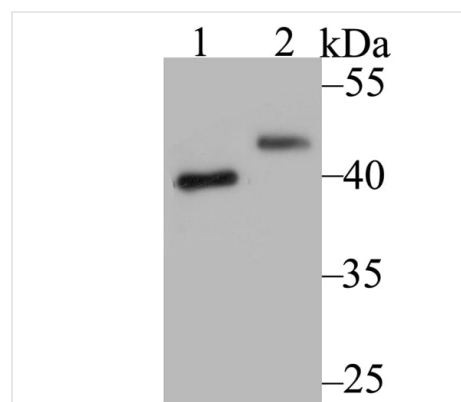
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG36-55
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SUV39H2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic peptide within Human SUV39H2 aa 350 to the C-terminus.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti- SUV39H2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of SUV39H2 on SiHa cell (1) and A549 cell (2) lysate using anti-SUV39H2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SUV39H2 antibody	Histone methyltransferase that specifically trimethylates 'Lys-9' of histone H3 using monomethylated H3 'Lys-9' as substrate. H3 'Lys-9' trimethylation represents a specific tag for epigenetic transcriptional repression by recruiting HP1 (CBX1, CBX3 and/or CBX5) proteins to methylated histones. Mainly functions in heterochromatin regions, thereby playing a central role in the establishment of constitutive heterochromatin at pericentric and telomere regions. H3 'Lys-9' trimethylation is also required to direct DNA methylation at pericentric repeats. SUV39H1 is targeted to histone H3 via its interaction with RB1 and is involved in many processes, such as cell cycle regulation, transcriptional repression and regulation of telomere length. May participate in regulation of higher-order chromatin organization during spermatogenesis. Recruited by the large PER complex to the E-box elements of the circadian target genes such as PER2 itself or PER1, contributes to the conversion of local chromatin to a heterochromatin-like repressive state through H3 'Lys-9' trimethylation.
Product Categories/Family for anti-SUV39H2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	301171588
NCBI GeneID	79723
NCBI Accession #	NP_001180353.1
NCBI GenBank Nucleotide #	NM_001193424.1
UniProt Accession #	Q9H5I1; Q5JSS4; Q5JSS5; Q6I9Y3; Q8ND06; D3DRT4
Molecular Weight	46,682 Da
NCBI Official Full Name	histone-lysine N-methyltransferase SUV39H2 isoform 1
NCBI Official Synonym Full Names	suppressor of variegation 3-9 homolog 2 (Drosophila)
NCBI Official Symbol	SUV39H2
NCBI Official Synonym Symbols	KMT1B
NCBI Protein Information	histone-lysine N-methyltransferase SUV39H2; H3-K9-HMTase 2; su(var)3-9 homolog 2; lysine N-methyltransferase 1B; histone H3-K9 methyltransferase 2
UniProt Protein Name	Histone-lysine N-methyltransferase SUV39H2
UniProt Gene Name	SUV39H2
UniProt Synonym Gene Names	KMT1B; H3-K9-HMTase 2
UniProt Entry Name	SUV92_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/suv39h2-antibody-clone-jg36-55-immunoprecipitation-immunohistochemistry-western-blot-elisa/312659>