

兔抗 SUV39H2 多克隆抗体

中文名称：兔抗 SUV39H2 多克隆抗体

英文名称：Anti-SUV39H2 rabbit polyclonal antibody

别名： suppressor of variegation 3-9 homolog 2; KMT1B

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： SUV39H2

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

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.

	h. 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.
Applications:	ELISA, WB, IHC
Name of antibody:	SUV39H2
Immunogen:	Fusion protein of human SUV39H2
Full name:	suppressor of variegation 3-9 homolog 2
Synonyms:	KMT1B
WB Recommended dilution:	500-2000
WB Positive control:	293T and K562 cell lysates
WB Predicted band size:	47 kDa
IHC Recommend dilution:	50-200
IHC positive control:	Human prostate cancer
ELISA Recommended dilution:	5000-10000
SwissProt:	Q9H5I1



