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Rabbit Anti-SUV39H2 antibody

SLM-60578R

Product Name	SUV39H2
Chinese Name	
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	D8C12
React Species	Human,Mouse,Rat
Applications	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG
Purification	Affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	使用单甲基化 H3“Lys-9”作为底物，特异性三甲基化组蛋白 H3 的“Lys-9”的组蛋白甲基转移酶。H3 'Lys-9' 三甲基化代表通过将 HP1（CBX1、CBX3 和/或 CBX5）蛋白募集到甲基化组蛋白来抑制表观遗传转录的特定标签。主要在异染色质区域起作用，从而在中心和端粒区域的组成型异染色质的建立中发挥核心作用。 H3 'Lys-9' 三甲基化也需要指导 DNA 甲基化在中心重复。SUV39H1 通过与 RB1 的相互作用靶向组蛋白 H3，并参与许多过程，如细胞周期调节、转录抑制和端粒长度调节。可能参与精子发生过程中高级染色质组织的调节。由大 PER 复合物招募到昼夜节律靶基因的 E-box 元件，如 PER2 本身或 PER1，

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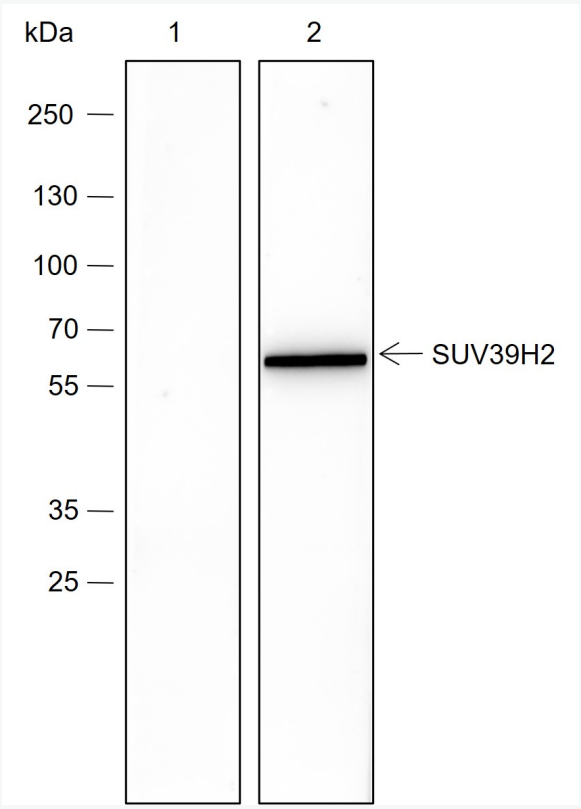
有助于通过 H3 'Lys-9' 三甲基化将局部染色质转化为异染色质样抑制状态。

Product Picture



Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: 2 hours at room temperature

Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)

Lysate: 1: SHSY-5Y cell lysate, the SUV39H2 Rabbit mAb pre-adsorbed with 3μM of the synthetic peptides;

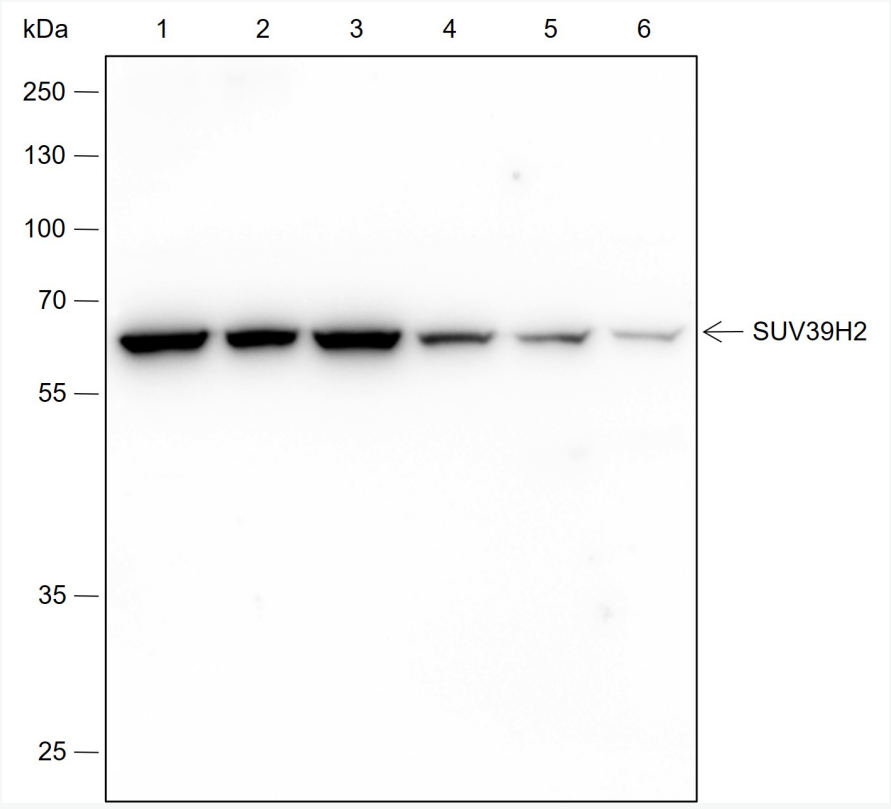
2: SHSY-5Y cell lysate, the SUV39H2 Rabbit mAb with no peptide blocking.

Protein loading quantity: 20 μg

Exposure time: 30 s

Predicted MW: 47 kDa

Observed MW: 65 kDa



Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:2000

Primary ab incubation condition: 2 hours at room temperature

Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)

Lysate: 1: SHSY-5Y, 2: MOLT-4, 3: NIH-3T3, 4: C6, 5: Mouse testis, 6: Rat testis

Protein loading quantity: 20 μg

Exposure time: 60 s

Predicted MW: 47 kDa

Observed MW: 65 kDa