

bs-5708R**[Primary Antibody]****SUV39H1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog) Predicted MW.: 48 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 6839	SWISS: O43463	
Target: SUV39H1		
Immunogen: KLH conjugated synthetic peptide derived from human KMT1A: 211-310/412.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes an evolutionarily-conserved protein containing an N-terminal chromodomain and a C-terminal SET domain. The encoded protein is a histone methyltransferase that trimethylates lysine 9 of histone H3, which results in transcriptional gene silencing. Loss of function of this gene disrupts heterochromatin formation and may cause chromosome instability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]		

— SELECTED CITATIONS —

- **[IF=4.374]** Ji Lina. et al. A prognostic risk model, tumor immune environment modulation, and drug prediction of ferroptosis and amino acid metabolism-related genes in hepatocellular carcinoma. HUM CELL. 2023 Mar;;1-17 IHC ;Human. 36892792