

SUV39H1

Reactivity: Human Mouse Rat

Tested applications: WB IP

Recommended Dilution: WB 1:500 - 1:2000 IP 1:20 - 1:50

Calculated MW: 48kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human SUV39H1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Catalog #: A2237

Antibody Type:

Monoclonal Antibody

Species: 23

Gene ID: 6839

Isotype: IgG

Swiss Prot: O43463

Purity: Affinity purification

For research use only.

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]

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