

## SUV39H1

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**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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