

A3277

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## SUV39H1 Rabbit pAb

Catalog No.: A3277

2 Publications

### Basic Information

#### Observed MW

48kDa

#### Calculated MW

48kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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.

### Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

### Immunogen Information

#### Gene ID

6839

#### Swiss Prot

O43463

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human SUV39H1 (NP\_003164.1).

#### Synonyms

MG44; KMT1A; SUV39H; H3-K9-HMTase 1; SUV39H1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

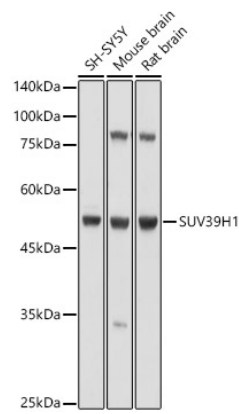
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using SUV39H1 antibody (A3277) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.