

## SUV91 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14597
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Histone-lysine N-methyltransferase SUV39H1
<b>Synonyms</b>	Histone-lysine N-methyltransferase SUV39H1 ;EC 2.1.1.43;Histone H3-K9 methyltransferase 1;H3-K9-HMTase 1;Lysine N-methyltransferase 1A;Position-effect variegation 3-9 homolog;Suppressor of v

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

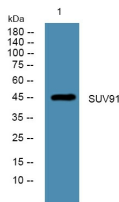
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year