

SUV39H1 Polyclonal Antibody

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|----------------------------|---|
| CATALOG #: | 3942-100 |
| AMOUNT: | 100 µg |
| LOT #: | _____ |
| IMMUNOGEN: | Synthetic peptide surrounding amino acid 389 of mouse SUV39H1 |
| INTERNAL ID#: | BV-21G |
| HOST: | Rabbit |
| SPECIES REACTIVITY: | Human, Mouse, Rat, Drosophila |

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-mouse SUV39H1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

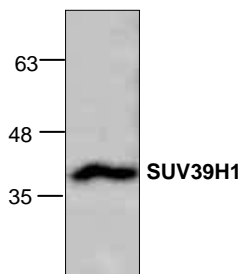
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

The histone methyltransferase KMT1A / SUV39H1 is the mammalian homologue of the Drosophila PEV modifier Su(var)3-9 protein. SUV39H1 contains the SET and chromo domains. In eukaryotic cells, SUV39H1 and the methyl-lysine binding protein HP1 interact to repress transcription at heterochromatic sites. SUV39H1 methylates histone H3 on lysine 9, which generates a binding site for HP1 proteins that plays a role in heterochromatin formation and gene silencing.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3942BP-50) is available separately.



Cat.#: 3942-100 SUV39H1 Antibody. Western blot analysis of SUV39H1 with 3T3 cell lysate.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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