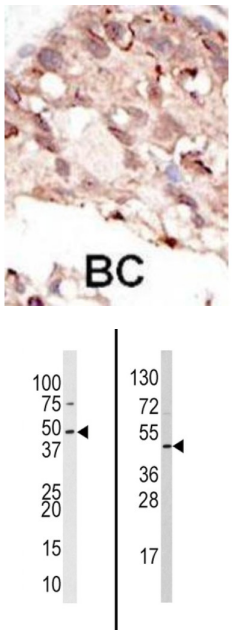
Suppressor of Variegation 3-9 Homolog 2 (SUV39H2) Antibody

Catalogue No.:abx027036



The murine gene Suv39h2 encodes an H3 histone methyltransferase (HMTase) 59% identical in sequence to mouse Suv39h1. During embryogenesis, both proteins overlap in tissue expression, yet Suv39h2 transcripts are restricted to the testes in adult animals. Immunolocalization of the Suv39h2 protein during spermatogenesis indicates enrichment at the heterochromatin from the leptotene to the round spermatid stage. Moreover, Suv39h2 specifically accumulates with chromatin of the sex chromosomes, which undergo transcriptional silencing during the first meiotic prophase. Suv39h2 HMTase may also organize meiotic heterochromatin with the potential for epigenetic imprint to the male germline.

Target:	Suppressor of Variegation 3-9 Homolog 2 (SUV39H2)
Clonality:	Polyclonal
Reactivity:	Human, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 360-390 amino acids from the C-terminal region of human SUV39H2.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9H5I1 (UniProt, ExPASy)
NCBI Accession:	NP_001180353.1, NP_001180354.1, NP_001180355.1, NP_001180356.1, NP_078946.1
String:	9606.ENSP00000346997
Molecular Weight:	Calculated MW: 46.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Monkey SUV39H2.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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