

SUV39H2 Polyclonal Antibody

Catalog NumberPA5-18115

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Rat
Host/Isotope	Goat / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1-3 µg/mL
Immunogen	Synthetic peptide sequence (CKCGAVTCRGYLN) corresponding to the C-terminus amino acids of SUV39H2	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine, canine, human, mouse and porcine based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 8,000.

Background/Target Information

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.

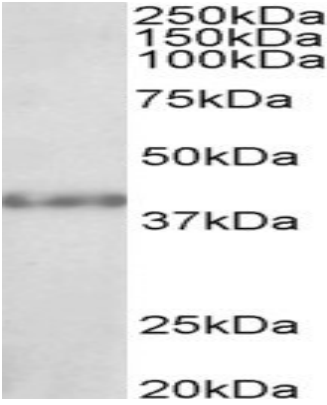
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Product Images For SUV39H2 Polyclonal Antibody



SUV39H2 Antibody (PA5-18115) in WB
Western blot analysis of SUV39H2 in Rat Kidney lysate using a SUV39H2 polyclonal antibody (Product # PA5-18115) at a concentration of 1 µg/mL. The cell lysate was prepared with RIPA buffer and chemiluminescence was used for target detection.

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