

Product datasheet for **TA330559**

SUV39H1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SUV39H1 antibody: synthetic peptide directed towards the N terminal of human SUV39H1. Synthetic peptide located within the following region: RHLDPSLANYLQKAKQRRALRRWEQELNAKRSHLGRITVENEVDLDGPP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	suppressor of variegation 3-9 homolog 1
Database Link:	NP_003164 Entrez Gene 6839 Human O43463



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Background: SUV39H1, a human homolog of the *Drosophila* position effect variegation modifier *Su(var)3-9* and of the *S. pombe* silencing factor *clr4*, encodes a heterochromatic protein that transiently accumulates at centromeric positions during mitosis. This gene is a member of the suppressor of variegation 3-9 homolog family and encodes a protein with a chromodomain and a C-terminal SET domain. This nuclear protein moves to the centromeres during mitosis and functions as a histone methyltransferase, methylating Lys-9 of histone H3. Overall, it plays a vital role in heterochromatin organization, chromosome segregation, and mitotic progression. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: H3-K9-HMTase 1; KMT1A; MG44; SUV39H

Note: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families: Druggable Genome

Protein Pathways: Lysine degradation

Product images:



WB Suggested Anti-SUV39H1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: 721_B cell lysate SUV39H1 is supported by BioGPS gene expression data to be expressed in 721_B