

Goat anti-SUV39H2 Antibody

Item Number	dAP-0251
Target Molecule	Principle Name: SUV39H2; Official Symbol: SUV39H2; All Names and Symbols: SUV39H2; suppressor of variation 3-9 (Drosophila) homolog 2 (Drosophila); FLJ23414; FLJ23414; RP11-2K17.2; KMT1; uppressor of variegation 3-9 homolog 2 (Drosophila); KMT1B; suppressor of variegation 3-9 homolog 2; Accession Number (s): NP_078946.1; Human Gene ID(s): 79723; Non-Human GeneID(s):
Immunogen	CKCGAVTCRGYLN, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 38kDa band observed in Rat Kidney and Testis lysates (calculated MW of 39.9kDa according to NP_078946.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse, Human and Pi
IHC	
Reference	Reference(s): Peters AH, O'Carroll D, Scherthan H, Mechtler K, Sauer S, Schofer C, Weipoltshammer K, Pagani M, Lachner M, Kohlmaier A, Opravil S, Doyle M, Sibilia M, Jenuwein T. Loss of the Suv39h histone methyltransferases impairs mammalian heterochromatin and genome stability. Cell. 2001 Nov 2;107(3):323

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**