

EHMT1 Antibody (C-term)

Catalog_no :	AB0745
Applications :	WB, FC
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:1145-1174
Specificity :	This EHMT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1145-1174 amino acids from the C-terminal region of human EHMT1.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Histone-lysine N-methyltransferase EHMT1, 211-, Euchromatic histone-lysine N-methyltransferase 1, Eu-HMTase1, G9a-like protein 1, GLP, GLP1, Histone H3-K9 methyltransferase 5, H3-K9-HMTase 5, Lysine N-methyltransferase 1D, EHMT1, EUHMTASE1, GLP, KIAA1876, KMT1D
Isotype :	Rabbit Ig
Background :	EHMT1, also known as EUHMTASE1, is a histone methyltransferase. This protein methylates 'Lys-9' of histone H3 in vitro. H3 'Lys-9' methylation represents a specific tag for epigenetic transcriptional repression by recruiting HP1 proteins to methylated histones. EHMT1 is Probably targeted to histone H3 by different DNA-binding proteins like E2F6, MGA, MAX and/or DP1. During G0 phase, it probably contributes to silencing of MYC- and E2F-responsive genes, suggesting a role in the G0/G1 transition of the cell cycle.
reference :	Ogawa H.,Science 296:1132-1136(2002). Ota T.,Nat. Genet. 36:40-45(2004). Nagase T.,DNA Res. 8:85-95(2001).