

## Product datasheet for **TA302191S**

### **EHMT1/GLP (EHMT1) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:1000
<b>Reactivity:</b>	Human (Predicted: Mouse)
<b>Host:</b>	Rabbit
<b>Isotype:</b>	Ig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	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.
<b>Formulation:</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	138254 Da
<b>Gene Name:</b>	euchromatic histone lysine methyltransferase 1
<b>Database Link:</b>	<a href="#">NP_079033</a> <a href="#">Entrez Gene 77683 Mouse</a> <a href="#">Entrez Gene 79813 Human</a> <a href="#">Q9H9B1</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	bA188C12.1; Eu-HMTase1; EUHMTASE1; FP13812; GLP; GLP1; KMT1D

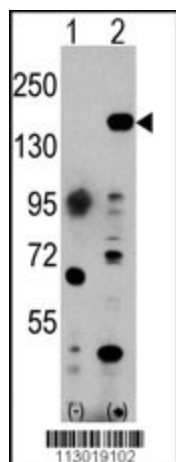


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Protein Families: Druggable Genome

Protein Pathways: Lysine degradation

### Product images:



Western blot analysis of EHMT1 (arrow) using rabbit polyclonal EHMT1 Antibody (C-term) (Cat# [TA302191]). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EHMT1 gene (Lane 2) (Origene Technologies).