

## Product datasheet for **TA336827**

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

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IF, IHC
<b>Recommended Dilution:</b>	IF: 1:50-1:100, IHC: 1:150, IHC-P: 1:150
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	A genomic peptide made to an N-terminal region of the human EHMT1 protein (within residues 20-200). [Swiss-Prot Q9H9B1]
<b>Formulation:</b>	PBS, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Immunogen affinity purified
<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>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>	The transcription repressor EHMT1 is a histone methyltransferase that might be important in the G0/G1 cell cycle transition. In children affected with Kleefstra Syndrome, EHMT1 is mutated and seems to mis-regulate normal cellular transitions, and cause hypotonia and intellectual disability. It has been implicated in epigenetic modifications related to learning and memory formation or impairment. Finally, the translocation of this gene and erroneous protein expression have been correlated to mental retardation.
<b>Synonyms:</b>	bA188C12.1; Eu-HMTase1; EUHMTASE1; FP13812; GLP; GLP1; KMT1D



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**Note:** This EHMT1 antibody is useful for ICC/IF and Immunohistochemistry-paraffin sections. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

**Protein Families:** Druggable Genome

**Protein Pathways:** Lysine degradation