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**Product Information**

<b>Product SKU:</b>	CAB8513	<b>Gene ID:</b>	79813	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	180kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	141kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**Background:** The protein encoded by this gene is a histone methyltransferase that methylates the lysine-9 position of histone H3. This action marks the genomic region packaged with these methylated histones for transcriptional repression. This protein may be involved in the silencing of MYC- and E2F-responsive genes and therefore could play a role in the G0/G1 cell cycle transition. Defects in this gene are a cause of chromosome 9q subtelomeric deletion syndrome (9q-syndrome, also known as Kleefstra syndrome). Alternative splicing results in multiple transcript variants.

**Recommended Dilution:** WB,1:500 - 1:2000

**Synonyms:** GLP; GLP1; KMT1D; KLEFS1; FP13812; EHMT1-IT1; EUHMTASE1; Eu-HMTase1; EHMT1

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human EHMT1 (NP\_079033.4).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.