

EHMT1 Polyclonal Antibody | anti-EHMT1 antibody

EHMT1 Polyclonal Antibody

CATALOG # AAA280430	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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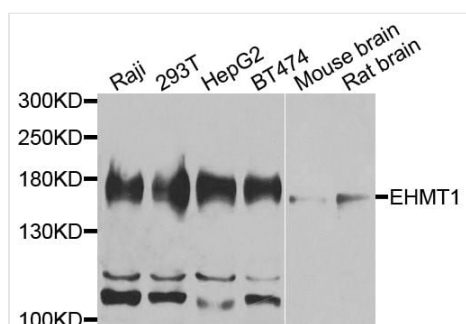
PRODUCT SYNONYMS

EHMT1; Polyclonal Antibody; EHMT1 Polyclonal Antibody; bA188C12.1; Eu-HmTase1; EUHMTASE1; FP13812; GLP; GLP1; KMT1D; anti-EHMT1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	808
Applicable Applications for anti-EHMT1 antibody	WB (Western Blot)
Source	Rabbit
Calculated MW	7 kDa/86 kDa/128 kDa/ 141 kDa
Observed MW	141 kDa
Immunogen	Recombinant fusion protein containing a sequene corresponding to amino acids 1-260 of human EHMT1 (NP_079033.4)
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EHMT1 antibody AAA280430 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-EHMT1 antibody	The protein encoded by this gene is a histone methyltransferase that is part of the E2F6 complex, which represses transcription. The encoded protein methylates the Lys-9 position of histone H3, which tags it 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 Kleeftstra syndrome). Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224465235
NCBI GeneID	79813
NCBI Accession #	NP_001138999.1
NCBI GenBank Nucleotide #	NM_001145527.1
UniProt Accession #	Q9H9B1; Q86X08; Q8TCN7; Q96F53; Q96JF1; Q96KH4; B1AQ58; B1AQ59
NCBI Official Full Name	histone-lysine N-methyltransferase EHMT1 isoform 2
NCBI Official Synonym Full Names	euchromatic histone-lysine N-methyltransferase 1
NCBI Official Symbol	EHMT1
NCBI Official Synonym Symbols	GLP; GLP1; KMT1D; FP13812; EUHMTASE1; Eu-HMTase1; bA188C12.1
NCBI Protein Information	histone-lysine N-methyltransferase EHMT1
UniProt Protein Name	Histone-lysine N-methyltransferase EHMT1
UniProt Gene Name	EHMT1
UniProt Synonym Gene Names	EUHMTASE1; GLP; KIAA1876; KMT1D; Eu-HMTase1; GLP; GLP1; H3-K9-HMTase 5
UniProt Entry Name	EHMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.