

Rabbit anti-Human EHMT2 Polyclonal Antibody | anti-EHMT2 antibody

EHMT2 Antibody (N-term)

CATALOG # AAA288008	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

EHMT2; Polyclonal Antibody; EHMT2 Antibody (N-term); Histone-lysine N-methyltransferase EHMT2; 211-; Euchromatic histone-lysine N-methyltransferase 2; HLA-B-associated transcript 8; Histone H3-K9 methyltransferase 3; H3-K9-HMTase 3; Lysine N-methyltransferase 1C; Protein G9a; BAT8; C6orf30; G9A; KMT1C; NG36; anti-EHMT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EHMT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-186 amino acids from the N-terminal region of human EHMT2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	159-186
Sequence Length	1210
Applicable Applications for anti-EHMT2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

EHMT2 Antibody (N-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

EHMT2 Antibody (N-term) western blot analysis in Jurkat cell line lysates (15ug/lane). This demonstrates the EHMT2 antibody detected the EHMT2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EHMT2 antibody	A cluster of genes, BAT1-BAT5, has been localized in the vicinity of the genes for TNF alpha and TNF beta. This gene is found near this cluster; it was mapped near the gene for C2 within a 120-kb region that included a HSP70 gene pair. These genes are all within the human major histocompatibility complex class III region. This gene was thought to be two different genes, NG36 and G9a, adjacent to each other but a recent publication shows that there is only a single gene. The protein encoded by this gene is thought to be involved in intracellular protein-protein interaction.
Product Categories/Family for anti-EHMT2 antibody	Developmental Biology; Signal Transduction
References	Goyama, S., et al. Leukemia 24(1):81-88(2010) de Vogel, S., et al. Cancer Epidemiol. Biomarkers Prev. 18(11):3086-3096(2009) Chen, X., et al. J. Biol. Chem. 284(41):27857-27865(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156142197
NCBI GeneID	10919
NCBI Accession #	NP_006700.3; NP_079532.5
NCBI GenBank Nucleotide #	NM_006709.4
UniProt Accession #	Q96KQ7; Q14349; Q5JP83; Q5JQ92; Q5JQA1; Q5JQG3; Q6PK06; Q96MH5; Q96QD0; Q9UQL8; Q9Y331; B0UZY2
Molecular Weight	132370
NCBI Official Full Name	histone-lysine N-methyltransferase EHMT2 isoform a
NCBI Official Synonym Full Names	euchromatic histone-lysine N-methyltransferase 2
NCBI Official Symbol	EHMT2
NCBI Official Synonym Symbols	G9A; BAT8; GAT8; NG36; KMT1C; C6orf30
NCBI Protein Information	histone-lysine N-methyltransferase EHMT2
UniProt Protein Name	Histone-lysine N-methyltransferase EHMT2
UniProt Gene Name	EHMT2
UniProt Synonym Gene Names	BAT8; C6orf30; G9A; KMT1C; NG36; H3-K9-HMTase 3
UniProt Entry Name	EHMT2_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.