

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

EHMT2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28500	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

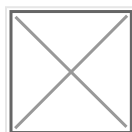
PRODUCT SYNONYMS

EHMT2; Monoclonal Antibody; EHMT2 Rabbit mAb; G9A; BAT8; GAT8; NG36; KMT1C; C6orf30; anti-EHMT2 antibody

PRODUCT SPECIFICATIONS

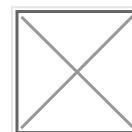
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	AAAAGAAAAA AAEGEAPAEM GALLLEKETR GATERVHGSL GDTPRSEETL PKATPDSLEP AGPSSPASVT VTVGDEGADT PVGATPLIGD ESENLEGDGD LRGGRIILGH ATKSFPPSPS KGGSCPSRAK MSMTGAGKSP PSVQSLAMRL LSMPGAQGAA AAGSEPPPAT TSPEGQPKVH RARKTMSKPG NGQPPVPEKR PPEIQHFRMS DDVHSLGKVT SDLAKRRRLN SGGGLSEELG SARRSGEVTL TKGDPGSLEE WETVVGDDFS LYYDSYSVDE RVDSDSKSEV EALTEQLSE
Applicable Applications for anti-EHMT2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IHC-P: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2-300 of human EHMT2 (Q96KQ7).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using EHMT2 Rabbit mAb (AAA28500) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

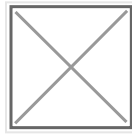
Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using EHMT2 Rabbit mAb (AAA28500) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

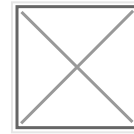
Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using EHMT2 Rabbit mAb (AAA28500) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using EHMT2 Rabbit mAb (AAA28500) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human thyroid tissue using EHMT2 Rabbit mAb (AAA28500) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using EHMT2 Rabbit mAb (AAA28500) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-EHMT2 antibody	This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-EHMT2 antibody	Epigenetics Nuclear Signaling ; Epigenetic writers and erasers of core Histones ; Cell Biology Developmental Biology ; Stem Cells ; Embryonic Stem Cells ; Germline Stem Cells ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116241348
NCBI GeneID	10919
UniProt Accession #	Q96KQ7 ; Q14349 ; Q5JP83 ; Q5JQ92 ; Q5JQA1 ; Q5JQG3 ; Q6PK06 ; Q96MH5 ; Q96QD0 ; Q9UQL8 ; Q9Y331 ; BOUZY2
Molecular Weight	Calculated MW: 132kDa Observed MW: 160kDa, 180kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ehmt2-antibody-western-blot-immunohistochemistry-elisa/28500>