

Rabbit anti-Human EHMT1 Polyclonal Antibody | anti-EHMT1 antibody

Rabbit anti-EHMT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211566	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

EHMT1; Polyclonal Antibody; Rabbit anti-EHMT1 Antibody; Affinity Purified; G9a-like protein 1; KLEFS1; histone-lysine N-methyltransferase; H3 lysine-9 specific 5; histone-lysine N-methyltransferase EHMT1; histone H3-K9 methyltransferase 5; H3-K9-HMTase 5; lysine N-methyltransferase 1D; KMT1D; FP13812; Eu-HMTase1; EUHMTASE1; euchromatic histone-lysine N-methyltransferase 1; EHMT1-IT1; EHMT1 intronic transcript 1; GLP; GLP1; Histone-lysine N-methyltransferase EHMT1; euchromatic histone lysine methyltransferase 1; anti-EHMT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-EHMT1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human EHMT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, A-549, K-562, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-EHMT1 antibody (AAA211566 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human EHMT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EHMT1 antibody (AAA211566 lot 2) used for IP at 6 ug per reaction. EHMT1 was also immunoprecipitated by a previous lot of this antibody (AAA211566 lot 1) and a second antibody against a different epitope of EHMT1 (BL6308). For blotting immunoprecipitated EHMT1, AAA211566 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IHC (Immunohistochemistry)

Detection of human EHMT1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-EHMT1 (AAA211566 Lot 2) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-EHMT1 antibody	Euchromatic histone-lysine N-methyltransferase 1 (EHMT1) is a histone methyltransferase that catalyzes the methylation of lysine-9 of histone H3 (H3-K9). H3-K9 histone methylation is restricted to euchromatin and functions to epigenetically silence gene transcription. Loss of function mutations in EHMT1 cause the 9q34 subtelomeric deletion syndrome, a syndrome characterized by severe mental retardation, hypotonia, brachy(micro)cephaly, heart defects, and distinct facial anomalies.
Product Categories/Family for anti-EHMT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	79813
UniProt Accession #	Q9H9B1
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

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/polyclonal/ehmt1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211566>