

Rabbit anti-Human G9A/EHMT2 Polyclonal Antibody | anti-G9A/EHMT2 antibody

Rabbit anti-G9A/EHMT2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211232	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

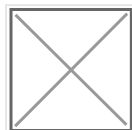
PRODUCT SYNONYMS

G9A/EHMT2; Polyclonal Antibody; Rabbit anti-G9A/EHMT2 Antibody; Affinity Purified; histone-lysine N-methyltransferase EHMT2; NG36; lysine N-methyltransferase 1C; KMT1C; HLA-B-associated transcript 8; HLA-B associated transcript 8; G9A; histone-lysine N-methyltransferase; H3 lysine-9 specific 3; Protein G9a; H3-K9-HMTase 3; G9A histone methyltransferase; histone H3-K9 methyltransferase 3; euchromatic histone-lysine N-methyltransferase 2; C6orf30; BAT8; ankyrin repeat-containing protein; GAT8; Histone-lysine N-methyltransferase EHMT2; euchromatic histone lysine methyltransferase 2; anti-G9A/EHMT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-G9A/EHMT2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1160 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

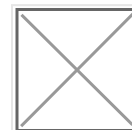
IMAGES



WB (Western Blot)

Detection of human G9A/EHMT2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-G9A/EHMT2 antibody AAA211232 (lot AAA211232-2) used for WB at 0.1 ug/ml.

Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human G9A/EHMT2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-G9A/EHMT2 antibody AAA211232 (lot AAA211232-2) used for IP at 6 ug per reaction. G9A/EHMT2 was also immunoprecipitated by a previous lot of this antibody (AAA211232-1) and rabbit anti-G9A/EHMT2 antibody BL4161. For blotting immunoprecipitated G9A/EHMT2, AAA211232 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human G9A/EHMT2 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-G9A/EHMT2 (Cat. No. AAA211232 Lot2) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-G9A/EHMT2 antibody	G9A/EHMT2 is a histone H3-Lys-9 methyltransferase. G9A/EHMT2 has been shown to function as a corepressor by associating with transcriptional regulators such as CDP/cut, Blimp-1/PRDI-BF1, and REST/NRSF. G9A/EHMT2 has also been shown to function as a coactivator for a large family of nuclear receptors.
Product Categories/Family for anti-G9A/EHMT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10919
UniProt Accession #	Q96KQ7
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/polyclonal/g9a-ehmt2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211232>