

Rabbit anti-Human, Mouse PRMT1 Polyclonal Antibody | anti-PRMT1 antibody

Rabbit anti-PRMT1 Antibody, Affinity Purified

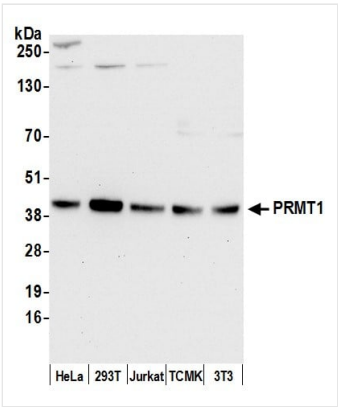
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211109	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PRMT1; Polyclonal Antibody; Rabbit anti-PRMT1 Antibody; Affinity Purified; ANM1; IR1B4; interferon receptor 1-bound protein 4; HRMT1L2; HMT1 (hnRNP methyltransferase; S. cerevisiae)-like 2; histone-arginine N-methyltransferase PRMT1; HCP1; protein arginine N-methyltransferase 1; heterogeneous nuclear ribonucleoprotein methyltransferase 1-like 2; Protein arginine N-methyltransferase 1; protein arginine methyltransferase 1; anti-PRMT1 antibody

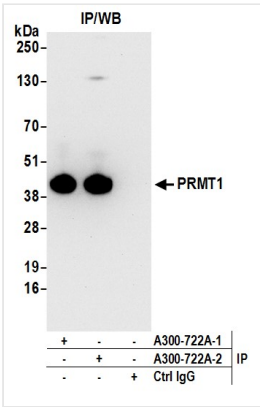
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-PRMT1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



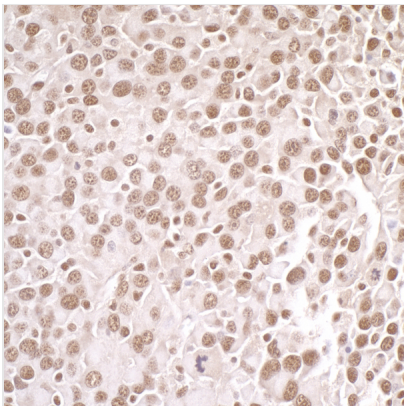
WB (Western Blot)

Detection of human and mouse PRMT1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PRMT1 antibody AAA211109 (lot AAA211109-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



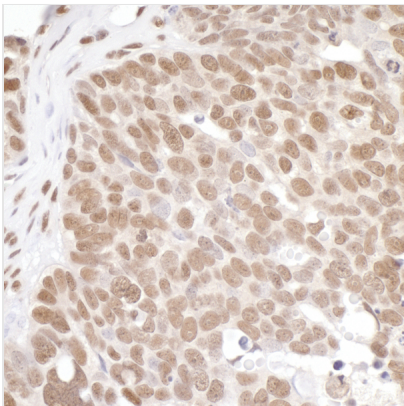
IP (Immunoprecipitation)

Detection of human PRMT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PRMT1 antibody AAA211109 (lot AAA211109-2) used for IP at 3 ug per reaction. PRMT1 was also immunoprecipitated by a previous lot of this antibody (lot AAA211109-1). For blotting immunoprecipitated PRMT1, AAA211109 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of mouse PRMT1 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-PRMT1 (Cat. No. AAA211109 Lot2) used at a dilution of 1:5,000 (0.2 ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human PRMT1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PRMT1 (Cat. No. AAA211109 Lot2) used at a dilution of 1:5,000 (0.2 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT1 antibody	Protein arginine methylation is a form of post-translational modification that is catalyzed by protein arginine methyltransferases (PRMTs). Substrates of PRMT1 include RNA binding proteins, histones, and the DNA damage response proteins MRE11 and 53BP1. These interactions suggest a role for PRMT1 in the regulation of RNA metabolism, transcription and the DNA damage response.
Product Categories/Family for anti-PRMT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38195089
NCBI GeneID	3276
NCBI Accession #	NP_001527.2
NCBI GenBank Nucleotide #	NM_001536.2
UniProt Accession #	Q99873; Q15529; Q2VP93; Q6LEU5; Q8WUW5; Q99872; Q99874; Q9NZ04; Q9NZ05; Q9NZ06; B4E3C3; G5E9B6

Molecular Weight	40,548 Da
NCBI Official Full Name	HMT1 hnRNP methyltransferase-like 2 isoform 1
NCBI Official Synonym Full Names	protein arginine methyltransferase 1
NCBI Official Symbol	PRMT1
NCBI Official Synonym Symbols	ANM1; HCP1; IR1B4; HRMT1L2
NCBI Protein Information	protein arginine N-methyltransferase 1
UniProt Protein Name	Protein arginine N-methyltransferase 1
UniProt Gene Name	PRMT1
UniProt Synonym Gene Names	HMT2; HRMT1L2; IR1B4
UniProt Entry Name	ANM1_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/prmt1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211109>