

Rabbit anti-Human PRMT7 Polyclonal Antibody | anti-PRMT7 antibody

Anti-PRMT7 Antibody, Rabbit Polyclonal

CATALOG # AAA254447	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

PRMT7; Polyclonal Antibody; Anti-PRMT7 Antibody; Rabbit Polyclonal; PRMT7 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-PRMT7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PRMT7
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PRMT7 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human PRMT7
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PRMT7, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of PRMT7 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human PRMT7 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human PRMT7 in human breast carcinoma with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT7 antibody	PRMT7 belongs to the protein arginine methyl-transferases family. Protein arginine methyltransferase 7 (PRMT7) is a member of a family of enzymes that catalyze the transfer of methyl groups from S-adenosyl-L-methionine to nitrogen atoms on arginine residues. Arginine methylation is involved in multiple biological processes, such as signal transduction, mRNA splicing, transcriptional control, DNA repair, and protein translocation. PRMT7 encodes for an arginine methyltransferase that methylates arginine residues on various protein substrates and has been shown to play a role in various developmental processes. Mutations in PRMT7 have been recently shown to be implicated in a phenotype with intellectual disability, short stature and brachydactyly, and considered to be a phenocopy of pseudohypoparathyroidism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506615
NCBI GeneID	54496
NCBI Accession #	NP_061896.1
NCBI GenBank Nucleotide #	NM_019023.2
UniProt Accession #	Q9NVM4; Q96PV5; Q9H9L0; B3KPR0; B3KUG9; B4E379
Molecular Weight	63,806 Da
NCBI Official Full Name	protein arginine N-methyltransferase 7 isoform 1
NCBI Official Synonym Full Names	protein arginine methyltransferase 7
NCBI Official Symbol	PRMT7
NCBI Protein Information	protein arginine N-methyltransferase 7; histone-arginine N-methyltransferase PRMT7; myelin basic protein-arginine N-methyltransferase
UniProt Protein Name	Protein arginine N-methyltransferase 7
UniProt Gene Name	PRMT7
UniProt Synonym Gene Names	KIAA1933
UniProt Entry Name	ANM7_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.