Rabbit anti-Human PRMT3 Monoclonal Antibody | anti-PRMT3 antibody

Anti-PRMT3 [RAB-C372]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72213	**Rabbit**	**Human**	**Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, ELISA**

PRODUCT SYNONYMS

PRMT3; Monoclonal Antibody; Anti-PRMT3 [RAB-C372]; Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3; Protein arginine N-methyltransferase 3; anti-PRMT3-RAB-C372; 38D1_11B; anti-PRMT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	RAB-C372
Specificity	This antibody recognizes PRMT3 (Protein arginine N-methyltransferase 3). It binds to a folded domain, amino acids 211-531. PRMT3 methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in some proteins.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRMT3 antibody	MS (Mass Spectrometry), ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES

WB (Western Blot)
Western Blot using anti-PRMT3 antibody RAB-C372 HEK293(A), HeLa(B), HepG2(C), MCF7(D) and A549(E) cell lysate (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RAB-C372 () at 0.001ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

IF (Immunofluorescence)
Immunofluorescence staining of fixed MCF7 cells with anti-PRMT3 antibody RAB-C372 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of RAB-C372 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRMT3 antibody	Recombinant monoclonal antibody to PRMT3. Recombinant Platform with variable regions (i.e. specificity) from the phage display antibody RAB-C372. This antibody was obtained by recombinant antibody (rAb) phage display recognizing PRMT3 protein under non-denaturing conditions.
Product Categories/Family for anti-PRMT3 antibody	immunology; cancer; cell biology
References	N/A Note on publication: More information on this antibody can be found on the website of the Recombinant Antibody Network.

NCBI AND UNIPROT INFORMATION

NCBI GI #	44771198
NCBI GeneID	10196
NCBI Accession #	NP_005779.1
NCBI GenBank Nucleotide #	NM_005788.3
UniProt Accession #	O60678; B4DUC7
Molecular Weight	52,875 Da
NCBI Official Full Name	protein arginine N-methyltransferase 3 isoform 1
NCBI Official Synonym Full Names	protein arginine methyltransferase 3
NCBI Official Symbol	PRMT3
NCBI Official Synonym Symbols	HRMT1L3
NCBI Protein Information	protein arginine N-methyltransferase 3
UniProt Protein Name	Protein arginine N-methyltransferase 3
UniProt Gene Name	**PRMT3**
UniProt Synonym Gene Names	HRMT1L3
UniProt Entry Name	ANM3_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/prmt3-antibody-clone-rab-c372-mass-spectrometry-chromatin-immunoprecipitation-immunoprecipitation-elisa/72213