

PRMT1 Rabbit mAb

Catalog No: #59384

Package Size: #59384-1 50ul #59384-2 100ul

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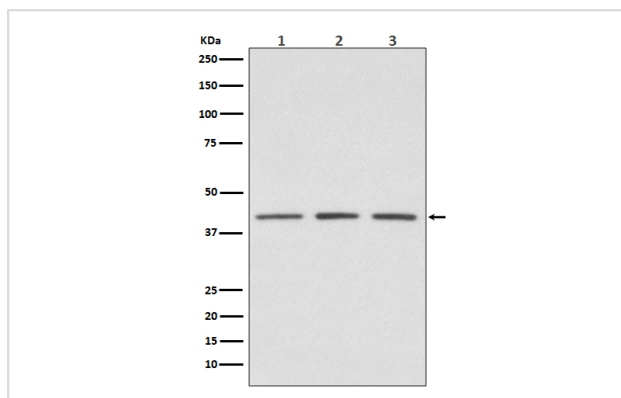
Description

Product Name	PRMT1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF CHIP
Species Reactivity	Human Mouse Rat
Specificity	PRMT1 Antibody detects endogenous levels of total PRMT1
Immunogen Description	A synthesized peptide derived from human PRMT1
Other Names	Histone-arginine N-methyltransferase PRMT1; ANM1; HCP1; IR1B4; HRMT1L2;
Accession No.	Uniprot:Q99873
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:100~1:500

Images



Western blot analysis of PRMT1 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) PC-12 cell lysate.

Product Description

Arginine methyltransferase that methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues present in proteins such as ESR1, histone H2, H3 and H4, PIAS1, HNRNPA1, HNRNPD, NFATC2IP, SUPT5H, TAF15 and EWS. Constitutes the main enzyme that mediates monomethylation and asymmetric dimethylation of histone H4 'Arg-4' (H4R3me1 and H4R3me2a, respectively), a specific tag for epigenetic transcriptional activation.

Background

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Note: This product is for in vitro research use only