

Product datasheet for TA346901

PRMT4 (CARM1) Mouse Monoclonal Antibody [Clone ID: 2B9-H11-H10]

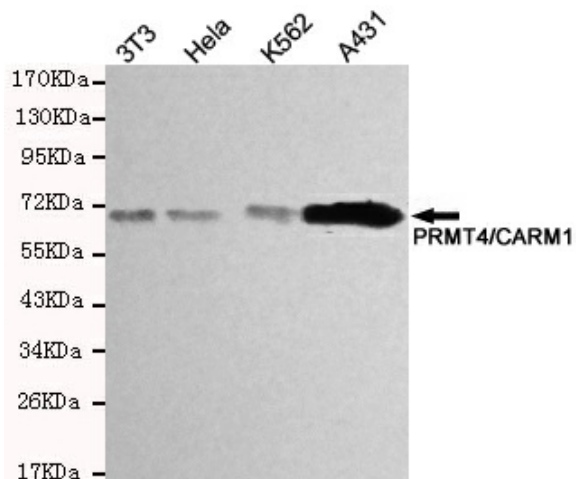
Product data:

Product Type:	Primary Antibodies
Clone Name:	2B9-H11-H10
Applications:	IP, WB
Recommend Dilution:	WB: 1:200-1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for CARM1 antibody: purified recombinant human PRMT4/CARM1 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4,150 mM NaCl)with 0.02% sodium azide,0.1mg/mlBSA and 50% glycerol.
Purification:	Affinity purified
Predicted Protein Size:	63 kDa
Gene Name:	coactivator associated arginine methyltransferase 1
Database Link:	NP_954592 Entrez Gene 59035 MouseEntrez Gene 10498 Human
Background:	Protein arginine N-methyltransferases,such as CARM1,catalyze the transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine.Protein arginine methylation has been implicated in signal transduction,metabolism of nascent pre-RNA,and transcriptional activation.
Synonyms:	PRMT4
Protein Families:	Druggable Genome, Transcription Factors

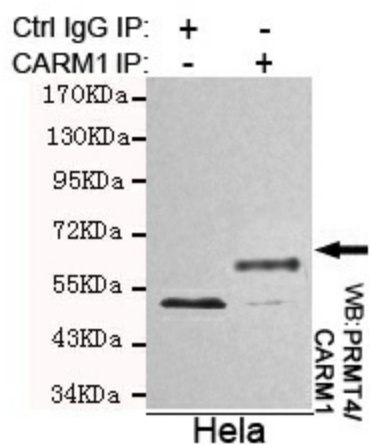


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Product images:



Western blot detection of PRMT4/CARM1 in HeLa, A431 and K562 cell lysates using PRMT4/CARM1 mouse mAb (1:200-1:500 diluted). Predicted band size: 63 kDa. Observed band size: 63 kDa.



Immunoprecipitation analysis of HeLa cell lysates using PRMT4/CARM1 mouse mAb.