



ANM7 rabbit pAb

Catalog No	BYab-12150
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	PRMT7 KIAA1933
Protein Name	ANM7
Immunogen	Synthesized peptide derived from human ANM7 AA range: 120-170
Specificity	This antibody detects endogenous levels of ANM7 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol . Nucleus .
Tissue Specificity	
Function	catalytic activity:S-adenosyl-L-methionine + [myelin basic protein]-arginine = S-adenosyl-L-homocysteine + [myelin basic protein]-N(omega)-methyl-arginine.,catalytic activity:S-adenosyl-L-methionine + histone-arginine = S-adenosyl-L-homocysteine + histone-N(omega)-methyl-arginine.,function:Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (sDMA), with a preference for the formation of MMA. Specifically mediates the symmetrical dimethylation of arginine residues in the small nuclear ribonucleoproteins Sm D1 (SNRPD1) and Sm D3 (SNRPD3); such methylation being required for the assembly and biogenesis of snRNP core particles. Specifically mediates the symmetric dimethylation of histone H4 'Arg-3' to form H4R3sme2. Plays a role in gene imprinting by being recruited by CTCFL

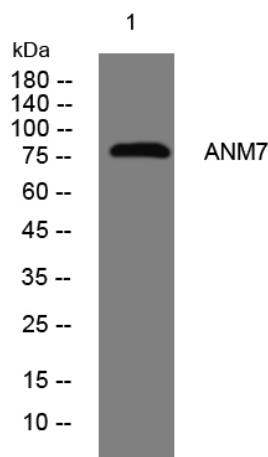
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at the H19 imprinted control region (

Background	Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases, such as PMT7, using S-adenosylmethionine (AdoMet) as the methyl donor. Arginine methylation is implicated in signal transduction, RNA transport, and RNA splicing (Miranda et al., 2004 [PubMed 15044439]).[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658