

## Product datasheet for **TA336349**

### PRMT7 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1-3 ug/ml
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Amino acids 346-360 of human PRMT7 were used as the immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein arginine methyltransferase 7
Database Link:	<a href="#">NP_061896</a> <a href="#">Entrez Gene 214572 Mouse</a> <a href="#">Entrez Gene 54496 Human</a> <a href="#">Q9NVM4</a>

**Background:** Protein arginine methylation is an important posttranslational modification in eukaryotic cells, which has been implicated in RNA processing and trafficking, receptor-mediated signaling, and transcription. The PRMT proteins are recruited by C-terminal activation domain-2 of the SRC (steroid receptor coactivator) GRIP-1, whereas p300 interacts with activation domain-1 in the C terminus. We have identified a mammalian arginine N-methyltransferase, PRMT7, that can catalyze the formation of omega-NG-monomethylarginine in peptides. In contrast to the other members of the PRMT family, PRMT7 was not able to methylate GST-fibrillarlin or myelin basic protein or histone H2A, in vitro. It is also structurally different from other PRMTs in containing two putative AdoMet-binding motifs. Both of these domains are required for enzymatic activity.

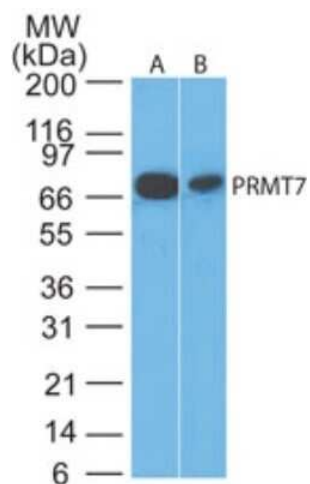


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Synonyms: FLJ10640; KIAA1933

Protein Families: Druggable Genome

### Product images:



Western Blot: PRMT7 Antibody TA336349 - Analysis of PRMT7 in A) HeLa and B) NIH 3T3 cell lysate using this antibody at 2 ug/ml.