

**Anti-PRMT7 Antibody (aa327-340)**  
**Goat Anti Human Polyclonal Antibody**  
**Catalog # ALS17913****Specification**

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**Anti-PRMT7 Antibody (aa327-340) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">Q9NVM4</a>
Predicted	Human, Mouse, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	78459

**Anti-PRMT7 Antibody (aa327-340) - Additional Information****Gene ID** 54496

Alias Symbol	PRMT7
<b>Other Names</b>	
PRMT7, KIAA1933	

**Target/Specificity**

Human PRMT7. This antibody is expected to recognize both reported isoforms (NP\_061896.1; NP\_001171753.1).

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-PRMT7 Antibody (aa327-340) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-PRMT7 Antibody (aa327-340) - Protein Information****Name** PRMT7**Synonyms** KIAA1933**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 H4R3me2s. Plays a role in gene imprinting by being recruited by CTCFL at the H19 imprinted control region (ICR) and methylating histone H4 to form H4R3me2s, possibly leading to recruit DNA methyltransferases at these sites. May also play a role in embryonic stem cell (ESC) pluripotency. Also able to mediate the arginine methylation of

histone H2A and myelin basic protein (MBP) in vitro; the relevance of such results is however unclear in vivo.

**Cellular Location**

Cytoplasm, cytosol. Nucleus

**Anti-PRMT7 Antibody (aa327-340) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PRMT7 Antibody (aa327-340) - Images**