

## 11-7018: Polyclonal Antibody to PRMT7

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Mouse,Human
<b>Gene :</b>	PRMT7
<b>Gene ID :</b>	54496
<b>Uniprot ID :</b>	Q9NVM4
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PRMT7,KIAA1933
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant PRMT7 protein (amino acids 300-500) was used as the immunogen for this antibody.

### Description

PRMT7 (Protein arginine methyltransferase 7) is a protein that is encoded by the PRMT7 gene. Arginine methylation is an apparently irreversible protein modification, catalyzed by arginine methyltransferases, such as PRMT7, using S-adenosylmethionine (AdoMet) as the methyl donor. PRMT7 is 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. PRMT7 mediates the symmetric dimethylation of histone H4 'Arg-3' to form H4R3me2s. It is expressed on adipose tissue, thymus, bone marrow, etc and has four isoforms.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 4-6 µg/ml

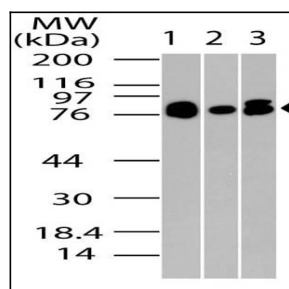


Fig-1: Western blot analysis of PRMT7. Anti- PRMT7 antibody (11-7018) was used at 4 µg/ml on 1) Jurkat, 2) 293 and 3) Raw lysates.