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11-7018: Polyclonal Antibody to PRMT7

Clonality :	Polyclonal
Application :	WB
Reactivity :	Mouse,Human
Gene :	PRMT7
Gene ID :	54496
Uniprot ID :	Q9NVM4
Format :	Purified
Alternative Name :	PRMT7,KIAA1933
Isotype :	Rabbit IgG
Immunogen Information :	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

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	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.
Storage condition :	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

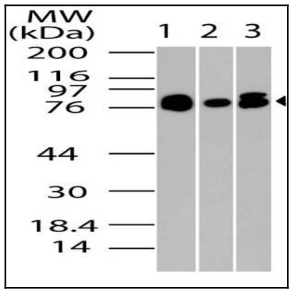

Fig-1: Western blot analysis of PRMT7. Anti- PRMT7 antibody (11-7018) was used at 4 µg/ml on 1) Jurkat, 2) 293 and 3) Raw lysates.

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