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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

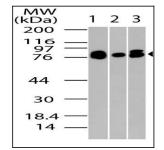


Fig-1: Western blot analysis of PRMT7. Anti- PRMT7 antibody (11-7018) was used at 4 μ g/ml on 1) Jurkat, 2) 293 and 3) Raw lysates.