

## Goat anti-PRMT7 Antibody

<b>Item Number</b>	dAP-2669
<b>Target Molecule</b>	Principle Name: PRMT7; Official Symbol: PRMT7; All Names and Symbols: PRMT7; protein arginine methyltransferase 7; FLJ10640; KIAA1933; OTTHUMP00000174863; [Myelin basic protein]-arginine N-methyltransferase PRMT7; histone-arginine N-methyltransferase PRMT7; myelin basic protein-arginine N-methyltransferase; protein arginine; Accession Number (s): NP_061896.1; NP_001171753.1; Human Gene ID(s): 54496; Non-Human GenelD(s): 214572 (mouse) 361402 (rat)
<b>Immunogen</b>	PRFGEINDQDRTDR, is from internal region This antibody is expected to recognize both reported isoforms (NP_061896.1; NP_001171753.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 75kDa band observed in lysates of cell line HeLa and of Mouse Spleen (calculated MW of 78.5kDa according to Human NP_061896.1 and 78.3kDa according to Mouse NP_663379.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lee JH, Cook JR, Yang ZH, Mirochnitchenko O, Gunderson SI, Felix AM, Herth N, Hoffmann R, Pestka S. PRMT7, a new protein arginine methyltransferase that synthesizes symmetric dimethylarginine. <i>J Biol Chem.</i> 2005 Feb 4;280(5):3656-64..PMID: 15494416->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**