

Goat anti-PRMT2 Antibody

Item Number	dAP-2720
Target Molecule	Principle Name: PRMT2; Official Symbol: PRMT2; All Names and Symbols: PRMT2; protein arginine methyltransferase 2; HRMT1L1; MGC111373; HMT1 (hnRNP methyltransferase, S. cerevisiae)-like 1; HMT1 hnRNP methyltransferase-like 1; OTTHUMP0000046525; OTTHUMP0000046526; OTTHUMP00000115881; OTTHUMP00000115882; OTTHUMP00000115884;; Accession Number (s): NP_001526.2; NP_001229793.1; NP_001229794.1; NP_001229795.1; Human Gene ID(s): 3275; Non-
Immunogen	DQPRTTKYHSVILQ, is from internal region This antibody is expected to recognize all reported isoforms (NP_001526.2; NP_001229793.1; NP_001229794.1; NP_001229795.1). Reported variants represent identical protein: NP_001526.2,
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 37kDa band observed in lysates of cell line HeLa and in rodent Brain lysates (calculated MW of 37.2kDa according to NP_001229793.1). Approx 35kDa band observed in Pig Brain lysates (calculated MW of 38.7kDa according to XP_005658963).
IHC	
Reference	Reference(s): Pak ML, Lakowski TM, Thomas D, Vhuiyan MI, Hüsecken K, Frankel A. A protein arginine N-methyltransferase 1 (PRMT1) and 2 heteromeric interaction increases PRMT1 enzymatic activity. <i>Biochemistry</i> . 2011 Sep 27;50(38):8226-40.. PMID: 21851090->

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**