



Goat anti-PRMT3 (aa468-421) Antibody

Item Number	dAP-2649
Target Molecule	Principle Name: PRMT3 (aa468-421); Official Symbol: PRMT3; All Names and Symbols: PRMT3; protein arginine methyltransferase 3; HRMT1L3; HMT1 hnRNP methyltransferase-like 3; OTTHUMP00000231732; OTTHUMP00000231735; heterogeneous nuclear ribonucleoprotein methyltransferase-like 3; heterogeneous nuclear ribonucleoprotein methyltransferase-; Accession Number (s): NP_005779.1; NP_001138638.1; NP_001138639.1; Human Gene ID(s): 10196; Non-Human GeneID(s):
Immunogen	DPKTLISEPCGIKH, is from internal region This antibody is expected to recognize all reported isoforms (NP_005779.1; NP_001138638.1; NP_001138639.1).
Applications	Pep ELISA, WB Species Tested: Human
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 16000.
Western Blot	Western Blot: Approx 70kDa band observed in lysates of cell line MCF7 (calculated MW of 59.9kDa according to NP_005779.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Swiercz et al, J Biol Chem.
IHC	
Reference	Reference(s): Kölbel K, Ihling C, Bellmann-Sickert K, Neundorf I, Beck-Sickinger AG, Sinz A, Kühn U, Wahle E. Type I Arginine Methyltransferases PRMT1 and PRMT-3 Act Distributively. J Biol Chem. 2009 Mar 27;284(13):8274-82..PMID: 19158082->

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 ender users! This product is sold for **Research Use Only**