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EB11563 - Goat Anti-PRMT7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: [Myelin basic protein]-arginine N-methyltransferase PRMT7, FLJ10640, histone-arginine N-methyltransferase PRMT7, KIAA1933, myelin basic protein-arginine

N-methyltransferase, OTTHUMP00000174863, PRMT7, protein arginine

methyltransferase 7, protein arginine N-methyltransferase 7

Official Symbol: PRMT7

Accession Number(s): NP_061896.1; NP_001171753.1

Human GeneID(s): 54496

Non-Human GenelD(s): 214572 (mouse), 361402 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_061896.1; NP_001171753.1).

Immunogen

Peptide with sequence C-PRFGEINDQDRTDR, from the internal region of the protein sequence according to NP_061896.1; NP_001171753.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB11563 (0.3 μ g/ml) staining of HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.