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Research Use Only. Not for diagnostic or therapeutic use.

EB11558 - Goat Anti-PRMT2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: histone-arginine N-methyltransferase PRMT2, HMT1 (hnRNP methyltransferase, S. cerevisiae)-like 1, HMT1 hnRNP methyltransferase-like 1, HRMT1L1, MGC111373, OTTHUMP00000046525, OTTHUMP00000046526, OTTHUMP00000115881, OTTHUMP00000115882, OTTHUMP00000115884, OTTHUMP00000207831, PRMT2, PRMT2 alpha, PRMT2 beta, PRMT2 gamma, protein

arginine methyltransferase 2, protein arginine N-methyltransferase 2

Official Symbol: PRMT2

Accession Number(s): NP_001526.2; NP_001229793.1; NP_001229794.1;

NP_001229795.1

Human GeneID(s): 3275

Non-Human GenelD(s): 15468 (mouse), 499420 (rat)

Important Comments: 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, NP_996845.1

Immunogen

Peptide with sequence C-DQPRTTKYHSVILQ, from the internal region of the protein sequence according to NP_001526.2; NP_001229793.1; NP_001229794.1; NP_001229795.1.

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

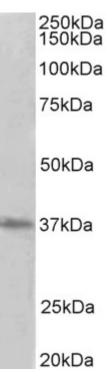
Peptide ELISA: antibody detection limit dilution 1:64000.

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_005658963.1).Recommended concentration: 1-3µg/ml.

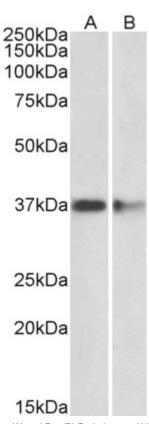
Species Reactivity

Tested: Human, Mouse, Rat, Pig

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



EB11558 ($2\mu g/ml$) staining of HeLa lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11558 (2μg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11558 (2μg/ml) staining of Pig Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.