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EB12163 - Goat Anti-Prdm9 (mouse, aa440-452) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Prdm9, PR domain containing 9, RP23-64O5.3, BC012016, Dsbc1, G1-419-29, Meisetz, Rcr1, repro7, PR domain zinc finger protein 9, PR domain-containing protein 9, PR-domain zinc finger protein, VPR domain containing 9, histone-lysine N-methyltransferase PRDM9, hybrid sterility protein 1, meiosis-induced factor containing a PR/SET domain and zinc-finger motif

Official Symbol: Prdm9

Accession Number(s): NP_659058.2 Non-Human GenelD(s): 213389 (mouse)

Immunogen

Peptide with sequence C-QEQHVDSQNKNDK, from the internal region of the protein sequence according to NP_659058.2.

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: Preliminary experiments gave an approx 70kDa band in Mouse fetal Brain lysates and in lysates of cell line NIH3T3 after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 97.8kDa according to NP_659058.2. The 70kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse