



Goat anti-Prdm9 (mouse, aa440-452) Antibody

Item Number	dAP-2941
Target Molecule	Principle Name: Prdm9 (mouse, aa440-452); Official Symbol: Prdm9; All Names and Symbols: 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 PRDM; Accession Number (s): NP_659058.2; Human Gene ID(s): ; Non-Human GeneID(s): 213389 (mouse)
Immunogen	QEQHVDSQNKNDK, is from internal region
Applications	Pep ELISA Species Tested:
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 128000.
Western Blot	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 o
IHC	
Reference	Reference(s): Borel C, Cheung F, Stewart H, Koolen DA, Phillips C, Thomas NS, Jacobs PA, Eliez S, Sharp AJ. Evaluation of PRDM9 variation as a risk factor for recurrent genomic disorders and chromosomal non-disjunction. Human genetics 2012 Sep 131 (9): 1519-24..PMID: 22643917->

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**