



Anti-PRDM9 polyclonal antibody (DPAB-DC2546)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | The PR domain is a protein-protein interaction module of about 100 amino acids. PR domain-containing proteins, such as PRDM9, are often involved in transcriptional regulation (Jiang and Huang, 2000 [PubMed 10668202]).[supplied by OMIM, Mar 2008] |
| Immunogen | A synthetic peptide corresponding to human PRDM9. The sequence is C-PDPHSRNDKTKG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | ELISA, |
| Format | Liquid |
| Concentration | 0.5 mg/mL |
| Size | 100 µg |
| Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | PRDM9 PR domain containing 9 [Homo sapiens (human)] |
| Official Symbol | PRDM9 |
| Synonyms | PRDM9; PR domain containing 9; PFM6; MSBP3; PRMD9; ZNF899; MEISETZ; histone-lysine N-methyltransferase PRDM9; PR domain zinc finger protein 9; minisatellite binding protein 3 (115kD); minisatellite binding protein 3, 115kDa; |
| Entrez Gene ID | 56979 |
| Protein Refseq | NP_064612 |
| UniProt ID | Q9NQV7 |
| Chromosome Location | 5p14 |
| Pathway | Cell Cycle; Generic Transcription Pathway; Meiotic recombination; |
| Function | histone methyltransferase activity (H3-K4 specific); metal ion binding; recombination hotspot binding; sequence-specific DNA binding |