



Anti-PRDM9 polyclonal antibody (DPAB-DC2546)

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

PRODUCT INFORMATION

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

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
