Datasheet for ABIN1590147

anti-PRDM9 antibody (AA 440-451)

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Overview

Quantity:	100 µg
Target:	PRDM9
Binding Specificity:	AA 440-451
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PRDM9 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Prdm9 (rat aa440-451)
Sequence:	QEHFDSQNKN DK
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PRDM9

Target Details

Alternative Name:	Prdm9 (PRDM9 Products)
Background:	Prdm9, PR domain containing 9, Prdm7, PR domain containing 7, PR domain zinc finger protein 9, PR domain-containing protein 9, histone-lysine N-methyltransferase PRDM9
Gene ID:	365155
NCBI Accession:	NP_001102373

Application Details

Application Notes:	Western Blot: Approx 90 kDa band observed in Rat Ovary lysates (calculated MW of 92.6 kDa according to NP_001102373.2). Recommended concentration: 2-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Western Blotting

Image 1. ABIN1590147 (0.5 µg/mL) staining of Rat Spleen lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.