

Datasheet for ABIN2780353
anti-PRDM1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PRDM1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PRDM1
Sequence:	MKMDMEDADM TLWTEAEFEE KCTYIVNDHP WDSGADGGTS VQAEASLPRN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 83%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PRDM1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	PRDM1
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Target Details

Alternative Name:	PRDM1 (PRDM1 Products)
Background:	PRDM1 is a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. Alias Symbols: BLIMP1, PRDI-BF1 Protein Interaction Partner: PRMT5, SENP1, EHMT2, PIAS1, SUMO1, IRF2, IRF1, HDAC2, HDAC1, HIST1H1A, MS4A1, HSP90AA1, ATXN1, ELAVL1, KDM1A, IRF4, TLE2, TLE1, AES, PRMT7, HIST2H3A, Protein Size: 789
Molecular Weight:	88 kDa
Gene ID:	639
NCBI Accession:	NM_001198 , NP_001189
UniProt:	O75626
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 789 AA
Restrictions:	For Research Use only

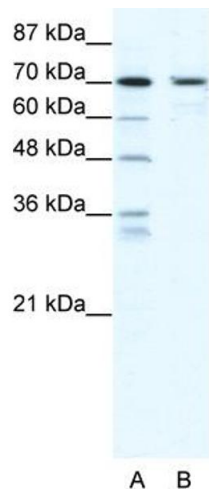
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PRDM1 Antibody Titration: 2.5ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate