

Datasheet for ABIN6146142  
**anti-PRDM2 antibody (AA 1-240)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	PRDM2
Binding Specificity:	AA 1-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRDM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human PRDM2 (NP_036363.2).
Sequence:	MNQNTTEPVA ATETLAEVPE HVLRGLPEEV RLFPSAVDKT RIGVWATKPI LKGKKFGPFV GDKKKRSQVK NNVYMWEVYY PNLGWMCIDA TDPEKGNWLR YVNWACSGEE QNLFPLEINR AIYYKTLKPI APGEELLVWY NGEDNPEIAA AIEEERASAR SKRSSPKSRK GKKSQENKN KGNKIQDIQL KTSEPDFTSA NMRDSAEGPK EDEEKPSASA LEQPATLQEV ASQEVPPELA
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	PRDM2
Alternative Name:	PRDM2 ( <a href="#">PRDM2 Products</a> )
Background:	<p>This tumor suppressor gene is a member of a nuclear histone/protein methyltransferase superfamily. It encodes a zinc finger protein that can bind to retinoblastoma protein, estrogen receptor, and the TPA-responsive element (MTE) of the heme-oxygenase-1 gene. Although the functions of this protein have not been fully characterized, it may (1) play a role in transcriptional regulation during neuronal differentiation and pathogenesis of retinoblastoma, (2) act as a transcriptional activator of the heme-oxygenase-1 gene, and (3) be a specific effector of estrogen action. Multiple transcript variants encoding different isoforms have been found for this gene.,PRDM2,HUMHOXY1,KMT8,KMT8A,MTB-ZF,RIZ,RIZ1,RIZ2,Epigenetics &amp; Nuclear Signaling,Chromatin Modifying Enzymes,Methylation,Nuclear Receptor Signaling,Cancer,Tumor suppressors,Neuroscience,PRDM2</p>
Molecular Weight:	25 kDa/162 kDa/166 kDa/184 kDa/188 kDa
Gene ID:	7799
UniProt:	<a href="#">Q13029</a>

## Application Details

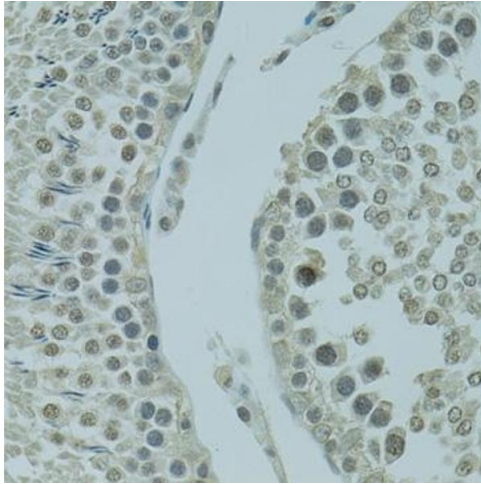
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

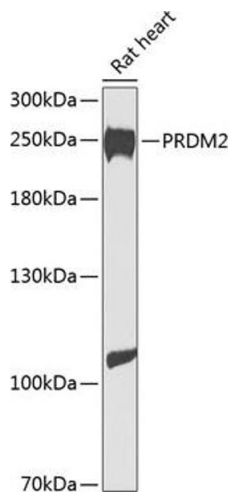
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat testis using PRDM2 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of rat heart, using PRDM2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.