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PRDM2 Rabbit pAb

Catalog No.: A8565

Basic Information

Observed MW
250kDa

Calculated MW
189kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID	**Swiss Prot**
7799	Q13029

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human PRDM2 (NP_036363.2).

Synonyms
RIZ; KMT8; RIZ1; RIZ2; KMT8A; MTB-ZF; HUMHOXY1; PRDM2

Contact

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Product Information

Source	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

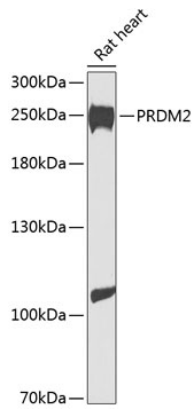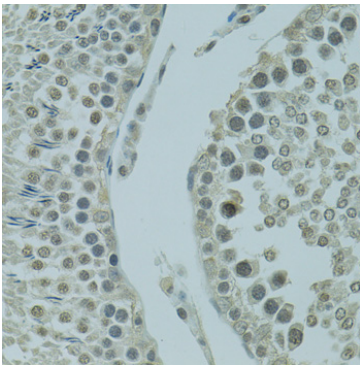**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of lysates from rat heart, using PRDM2 Rabbit pAb (A8565) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.

Immunohistochemistry analysis of paraffin-embedded Rat testis using PRDM2 Rabbit pAb (A8565) 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.