

## Product datasheet for **TA380299**

### **RIZ1 (PRDM2) Rabbit Polyclonal Antibody**

#### **Product data:**

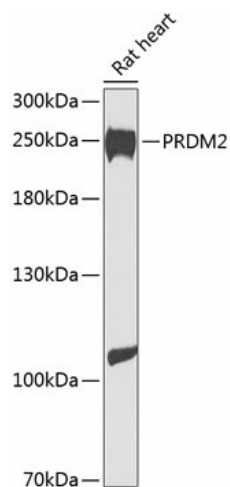
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB, 1:500 - 1:2000 IHC, 1:50 - 1:200
<b>Reactivity:</b>	Rat
<b>Modifications:</b>	Unmodified
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human PRDM2 (NP_036363.2).
<b>Formulation:</b>	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Predicted Protein Size:</b>	25kDa/162kDa/166kDa/184kDa/188kDa
<b>Gene Name:</b>	PR domain 2
<b>Database Link:</b>	<a href="#">Q13029</a>
<b>Background:</b>	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.



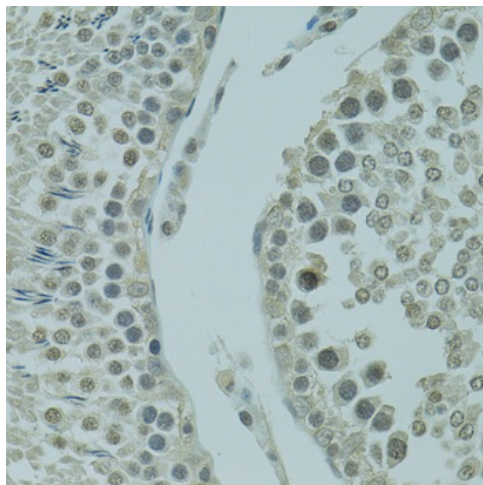
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Synonyms: HUMHOXY1; KMT8; MTB-ZF; OTTHUMP00000009687; RIZ; RIZ1; RIZ2

### Product images:



Western blot analysis of extracts of rat heart, using PRDM2 antibody (TA380299) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat testis using PRDM2 antibody (TA380299) 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.