

Rabbit Anti-PRDM2 antibody

SL6062R

Product Name PRDM2

Chinese Name Zinc finger proteinRIZ1 抗体

Alias GATAGATA 3 binding protein G3B; GATA-3-binding protein G3B; HUMHOXY 1; HUMHOXY1; Lysine N methyltransferase 8; Lysine N-methyltransferase 8; MTB ZF; MTB-ZF; MTE binding protein; MTE-binding protein; PR domain containing 2 with ZNF domain; PR domain containing protein 2; PR domain zinc finger protein 2; PR domain-containing protein 2; PR-domain zinc finger protein 2; PRDM 2; PRDM2; PRDM2_HUMAN; Retinoblastoma protein binding zinc finger protein; Retinoblastoma protein interacting zinc-inger protein; retinoblastoma protein-interacting zinc finger protein; Retinoblastoma protein-interacting zinc-finger protein; RIZ 1; RIZ 2; RIZ; RIZ-LSB; RIZ1; RIZ2; Zinc finger DNA binding protein; Zinc finger protein RIZ.

Research Area Tumour Cell biology immunology Neurobiology Signal transduction transcriptional regulatory factor

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit,)
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Applications (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 189kDa

Cellular localization The nucleus

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human PRDM2/RIZ1: 1301-1400/1718

Lsotype IgG

Purification affinity purified by Protein A

Buffer 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.



Solution

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

S-adenosyl-L-methionine-dependent histone methyltransferase that specifically methylates 'Lys-9' of histone H3. May function as a DNA-binding transcription factor. Binds to the macrophage-specific TPA-responsive element (MTE) of the HMOX1 (heme oxygenase 1) gene and may act as a transcriptional activator of this gene.

Function:

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Subunit:

Binds to the retinoblastoma protein (RB). Interacts with GATA3.

Subcellular Location:

Nucleus.

**Product
Detail**

Tissue Specificity:

Highly expressed in retinoblastoma cell lines and in brain tumors. Also expressed in a number of other cell lines and in brain, heart, skeletal muscle, liver and spleen. Isoform 1 is expressed in testis at much higher level than isoform 3.

Similarity:

Contains 8 C2H2-type zinc fingers.
Contains 1 SET domain.

SWISS:

Q13029

Gene ID:

7799

Database links:

[Entrez Gene: 7799](#) Human

[Entrez Gene: 110593](#) Mouse



[Entrez Gene: 313678](#) Rat

[Omid: 601196](#) Human

[SwissProt: Q13029](#) Human

[SwissProt: Q63755](#) Rat

[Unigene: 371823](#) Human

[Unigene: 202632](#) Rat