



Rabbit Anti-KMT8 antibody

SL6140R

Product Name:	KMT8
Chinese Name:	转录因子GATA3Binding proteinG3B抗体
Alias:	GATA 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	189kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KMT8/Riz1/Riz2:1201-1300/1718
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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.</p> <p>Function: 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.</p> <p>Subunit: Binds to the retinoblastoma protein (RB). Interacts with GATA3.</p> <p>Subcellular Location: Nucleus.</p> <p>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.</p> <p>Similarity: Contains 8 C2H2-type zinc fingers. Contains 1 SET domain.</p> <p>SWISS: Q13029</p> <p>Gene ID: 7799</p> <p>Database links:</p> <p>Entrez Gene: 7799Human</p> <p>Entrez Gene: 110593Mouse</p> <p>Entrez Gene: 313678Rat</p> <p>Omim: 601196Human</p> <p>SwissProt: Q13029Human</p> <p>SwissProt: Q63755Rat</p>

[Unigene: 371823](#)Human

[Unigene: 202632](#)Rat

Important Note:

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

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