SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-PRDM1 antibody

Catalog Number: SL6466R

FOR RESEARCH USE ONLY

[DATASHEET]

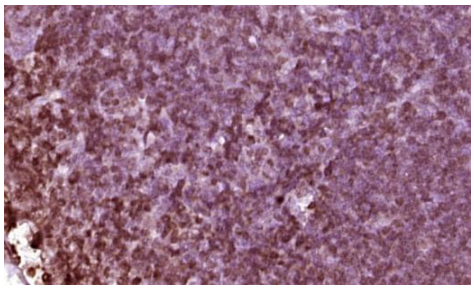
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PRDM1
Immunogen:	KLH conjugated synthetic peptide derived from human PRDM1: 501-600/825
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:50-200 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Chicken,Pig,Cow,Horse,Rabbit)
Predicted MW.:	92kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq, Jul 2008] **Function:** Transcriptional repressor that binds specifically to the PRDI element in the promoter of the beta-interferon gene. Drives the maturation of B-lymphocytes into Ig secreting cells. **Subunit:** Interacts with PRMT5. **Subcellular Location:** Nucleus. Cytoplasm. **Similarity:** Contains 4 C2H2-type zinc fingers. Contains 1 SET domain.

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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	Database links: **Entrez Gene:** 538384 Cow **Entrez Gene:** 481947 Dog **Entrez Gene:** 639 Human **Entrez Gene:** 12142 Mouse **Entrez Gene:** 309871 Rat **SwissProt:** O75626 Human **SwissProt:** Q60636 Mouse

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (mouse lymphoid tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PRDM1) Polyclonal Antibody, Unconjugated (SL6466R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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