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Rabbit Anti-SPIB antibody

SL17663R

Product Name:	SPIB
Chinese Name:	转录因子SPIB蛋白抗体
Alias:	SPI B; Spi B transcription factor; Spib; SPIB_HUMAN; Transcription factor Spi-B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Rabbit,Sheep,
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:	29kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPIB:181-262/262
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:	The protein encoded by this gene is a transcriptional activator that binds to the PU-box (5'-GAGGAA-3') and acts as a lymphoid-specific enhancer. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011] **Function:** Sequence specific transcriptional activator which binds to the PU-box, a purine-rich

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DNA sequence (5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. Promotes development of plasmacytoid dendritic cells (pDCs), also known as type 2 DC precursors (pre-DC2) or natural interferon (IFN)-producing cells. These cells have the capacity to produce large amounts of interferon and block viral replication. May be required for B-cell receptor (BCR) signaling, which is necessary for normal B-cell development and antigenic stimulation.

Subcellular Location:
Cytoplasm and Nucleus.

Tissue Specificity:
Expressed in plasmacytoid dendritic cells (pDCs) and B-cells, not expressed in T-cells or granulocytes. May also be enriched in stem cell populations of the liver.

Similarity:
Belongs to the ETS family.
Contains 1 ETS DNA-binding domain.

SWISS:
Q01892

Gene ID:
6689

Database links:

Entrez Gene: 6689 Human

Entrez Gene: 272382 Mouse

Entrez Gene: 499146 Rat

Omim: 606802 Human

SwissProt: Q01892 Human

SwissProt: O35906 Mouse

SwissProt: Q5EBA3 Rat

Unigene: 437905 Human

Unigene: 8012 Mouse

Unigene: 18257 Rat

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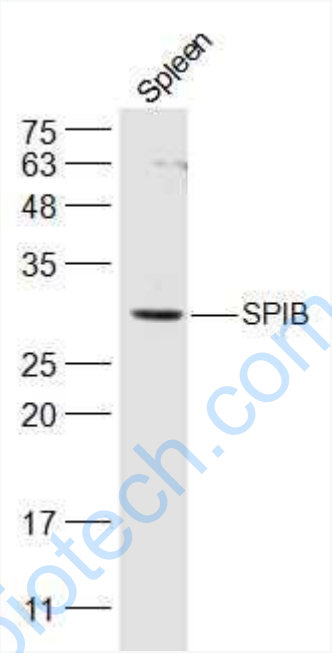
	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Spleen (Mouse) Lysate at 40 ug Primary: Anti-SPIB (SL17663R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29 kD Observed band size: 29 kD

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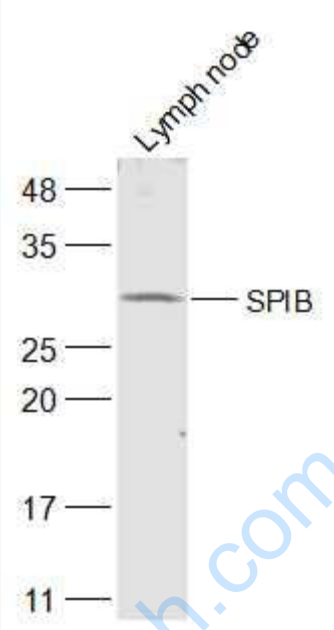

Sample:

Lymph node (Mouse) Lysate at 40 ug

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