

For Research Use Only

SPI1 Polyclonal antibody

Catalog Number: 55100-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

55100-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003120

GeneID (NCBI):

6688

ENSEMBL Gene ID:

ENSG00000066336

UNIPROT ID:

P17947

Full Name:

spleen focus forming virus (SFFV) proviral integration oncogene spi1

Calculated MW:

31 kDa

Observed MW:

31-42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HepG2 cells, RAW264.7, mouse liver tissue, rat liver tissue

Background Information

SPI1 binds to the PU-box which is a purine-rich DNA sequence (5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. SPI1 is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B-cells. It also binds RNA and may modulate pre-mRNA splicing. The antibody is specific to SPI1. SPI1 can be detected 37-42 kDa (PMID: 28362429, 31586032, 28586009).

Notable Publications

Author	Pubmed ID	Journal	Application
Hai-Shuang Lin	25258381	J Leukoc Biol	WB
Jiaoyue Hu	32358573	Mucosal Immunol	IF
Yanhong Shi	26627845	Sci Rep	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

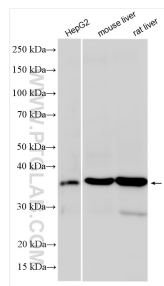
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55100-1-AP (SPI1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.