SPI1 Polyclonal antibody

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Catalog Number:**55100-1-AP**

Featured Product   **5 Publications**

Basic Information

Catalog Number:
55100-1-AP

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

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_003120

GeneID (NCBI):
6688

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:
IF, WB

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

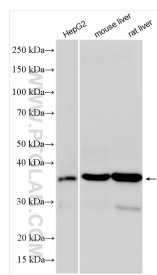| Author	Pubmed ID	Journal	Application
Hai-Shuang Lin	25258381	J Leukoc Biol	WB
Jiaoyue Hu	32358573	Mucosal Immunol	IF
Yanhong Shi	26627845	Sci Rep	WB

Storage

Storage:
Store at -20℃. 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

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.