SPI1 Polyclonal Antibody

catalog number: **E-AB-52113**

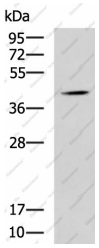
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human SPI1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot analysis of Mouse liver tissue lysate using SPI1 Polyclonal Antibody at dilution of 1:1600

Observed-MW:Refer to figures

Calculated-MW:31 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

SPI1 encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for this gene.SPI1 (Spi-1 Proto-Oncogene) is a Protein Coding gene. Diseases associated with SPI1 include Inflammatory Diarrhea and Interdigitating Dendritic Cell Sarcoma. Among its related pathways are Validated targets of C-MYC transcriptional repression and C-MYB transcription factor network. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and RNA binding. An important paralog of this gene is SPIB.

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