

Rabbit anti-Human SPI1 / PU.1 Polyclonal Antibody | anti-SPI1 / PU.1 antibody

Anti-SPI1 / PU.1 Antibody (aa216-246) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162160	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

SPI1 / PU.1; Polyclonal Antibody; Anti-SPI1 / PU.1 Antibody (aa216-246) IHC-plus; Rabbit Polyclonal to Human SPI1 / PU.1; Human SPI1 / PU.1; 31 kDa-transforming protein; 31 kDa transforming protein; SFPI1; SPI-1; SPI-1 proto-oncogene; SPI-A; Transcription factor PU.1; anti-SPI1 / PU.1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human PU.1
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	270
Applicable Applications for anti-SPI1 / PU.1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	SPI1 / PU.1 antibody was raised against KLH-conjugated synthetic peptide from C-terminal region of human SPI1.
Immunogen Description	KLH-conjugated synthetic peptide from C-terminal region of human SPI1.
Immunogen Type	Synthetic peptide
Antigen Modification	aa216-246
Target Species	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



WB (Western Blot)

SPI1 Antibody western blot of WiDr cell line lysates (35 ug/lane). The SPI1 antibody detected the SPI1 protein (arrow).



IF (Immunofluorescence)

Fluorescent image of NIH/3T3 cell stained with SPI1 Antibody. NIH/3T3 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with SPI1 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). SPI1 immunoreactivity is localized to Nucleus significantly.



IHC (Immunohistochemistry)

Anti-SPI1 / PU.1 antibody IHC staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-SPI1 / PU.1 antibody

SPI1 Antibody, 31 kDa-transforming protein Antibody, 31 kDa transforming protein Antibody, PU.1 Antibody, SFPI1 Antibody, SPI-1 Antibody, SPI-1 proto-oncogene Antibody, SPI-A Antibody, Transcription factor PU.1 Antibody
Description: Binds to the PU-box, a purine-rich DNA sequence (5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. This protein is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B-cells. Also binds RNA and may modulate pre-mRNA splicing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124028517
NCBI GeneID	6688
NCBI Accession #	NP_003111.2
NCBI GenBank Nucleotide #	NM_003120.2
UniProt Accession #	P17947
Molecular Weight	31,211 Da
NCBI Official Full Name	transcription factor PU.1 isoform 2
NCBI Official Synonym Full Names	Spi-1 proto-oncogene
NCBI Official Symbol	SPI1
NCBI Official Synonym Symbols	OF; PU.1; SFPI1; SPI-1; SPI-A
NCBI Protein Information	transcription factor PU.1
UniProt Protein Name	Transcription factor PU.1
UniProt Gene Name	SPI1
UniProt Entry Name	SPI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/spi1-pu1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/162160>