

PU.1/Spi1 Polyclonal Antibody | anti-PU.1/Spi1 antibody

Anti-PU.1/Spi1 Antibody

CATALOG # AAA46384	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

PU.1/Spi1; Polyclonal Antibody; Anti-PU.1/Spi1 Antibody; Transcription factor PU.1; 31 kDa Transforming Protein; 31 kDa-transforming protein; Hematopoietic transcription factor PU.1; OF; PU.1; SFPI1; SPI 1 proto oncogene; SPI A; Spi1; SPI1_HUMAN; Spleen focus forming virus (SFFV) proviral integration oncogene spi1; Spi-1 proto-oncogene; anti-PU.1/Spi1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Sequence Length	271
Applicable Applications for anti-PU.1/Spi1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived human PU.1/Spi1 recombinant protein (Position: E18-K196). Human PU.1/Spi1 shares 84% and 84.4%amino acid (aa) sequence identity with mouse and rat PU.1/Spi1, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-PU.1/Spi1 antibody	Description: Rabbit IgG polyclonal antibody for Transcription factor PU.1(SPI1) detection. Tested with IHC-P in Human;Mouse;Rat. Background: Transcription factor PU.1 is a protein that in humans is encoded by the SPI1 gene. This gene 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.
References	1. "Entrez Gene: SPI1 spleen focus forming virus (SFFV) proviral integration oncogene spi1". 2. Hallier M, Lerga A, Barnache S, Tavitian A, Moreau-Gachelin F (February 1998). "The transcription factor Spi-1/PU.1 interacts with the potential splicing factor TLS". J. Biol. Chem. 273 (9): 4838-42. 3. Ray D, Culine S, Tavitian A, Moreau-Gachelin F (July 1990). "The human homologue of the putative proto-oncogene Spi-1: characterization and expression in tumors". Oncogene 5 (5): 663-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124028521
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NCBI GeneID	6688
NCBI Accession #	NP_001074016.1
NCBI GenBank Nucleotide #	NM_001080547.1
UniProt Accession #	P17947
NCBI Official Full Name	transcription factor PU.1 isoform 1
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://www.aaabiotech.com/polyclonal/pu1-spi1-antibody-immunohistochemistry-elisa/46384>