

Rabbit PU.1/Spi1 Polyclonal Antibody | anti-SPI1 antibody

PU.1/Spi1 Antibody

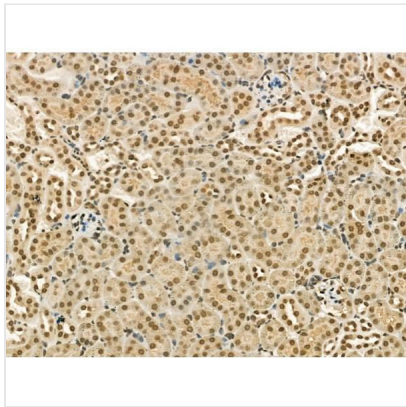
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31182	Rabbit	Human, Mouse, RatPredicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%)	ELISA

PRODUCT SYNONYMS

PU.1/Spi1; Polyclonal Antibody; PU.1/Spi1 Antibody; transcription factor spi1; 31 kDa Transforming Protein; 31 kDa-transforming protein; cb1086; Hematopoietic transcription factor PU.1; OF; oncogene spi1; PU.1; SFFV virus-induced murine erythroleukemia oncogene; mouse; homolog of; SFPI1; si:by184l24.2; SPI 1; SPI 1 proto oncogene; SPI A; Spi1; SPI1_HUMAN; Spleen focus forming virus (SFFV) proviral integration oncogene spi1; Spleen focus forming virus proviral integration oncogene spi1; Transcription factor PU.1; anti-SPI1 antibody

PRODUCT SPECIFICATIONS

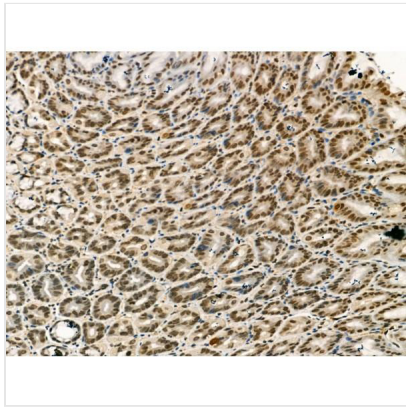
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	PU.1/Spi1 Antibody detects endogenous levels of total PU.1/Spi1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-SPI1 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human PU.1/Spi1, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



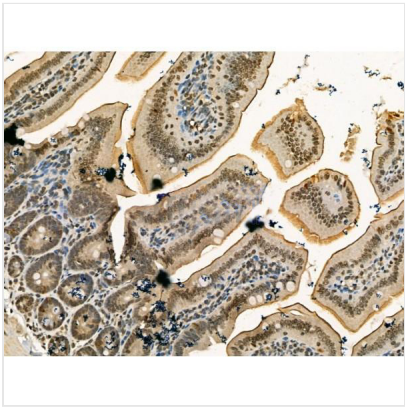
IHC (Immunohistochemistry-Paraffin)
AAA31182 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



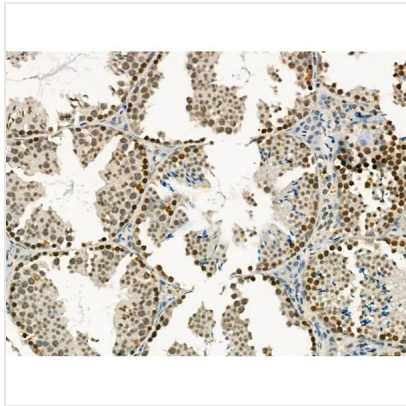
IHC (Immunohistochemistry-Paraffin)
AAA31182 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31182 at 1/100 staining Mouse stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31182 at 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31182 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31182 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SPI1 antibody	Function: 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 (By similarity). Subcellular Location: Nucleus. Subunit Structure: Binds DNA as a monomer. Interacts with CEBPD and NONO (By similarity). Interacts with RUNX1 and SPIB. Interacts with GFI1; the interaction represses SPI1 transcriptional activity. Interacts with CEBPE (PubMed:26019275). Similarity: Belongs to the ETS family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124028521
NCBI GeneID	6688
NCBI Accession #	NP_001074016.1
NCBI GenBank Nucleotide #	NP_001074016.1
UniProt Accession #	P17947
Molecular Weight	Observed Molecular Weight: (Observed)31kD. Predicted Molecular Weight: (Calculated)31kDa.
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://stage.aaabiotech.com/polyclonal/pu1-spi1-antibody-elisa/31182>