

## Anti-Transcription factor Spi-B SPIB Antibody

Catalog Number: A02805-1

### About SPIB

SPIB is a member of the ETS transcription factor family that influences lymphoid development and activity and binds the consensus DNA site GGA (A/T) through a unique winged helix-turn-helix motif known as the ETS domain (1). SPIB is found in hematopoietic cells such as B cells and plasmacytoid dendritic cells (DC) (2,3). It promotes the development of plasmacytoid dendritic cells (pDCs) or natural interferon (IFN)-producing cells. SPIB may be required for B-cell receptor (BCR) signaling, which is necessary for normal B-cell development and antigenic stimulation (3,4).

### Overview

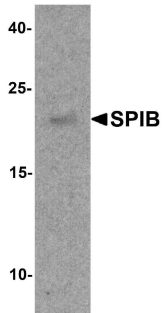
Product Name	Anti-Transcription factor Spi-B SPIB Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transcription factor Spi-B SPIB Antibody (Catalog # A02805-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SPIB antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	SPIB antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q01892

### Technical Details

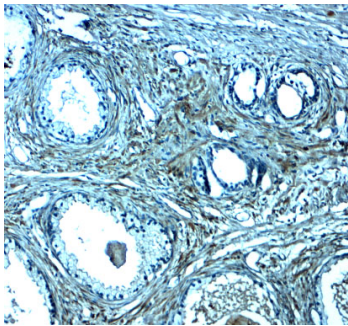
Immunogen	SPIB antibody was raised against a 17 amino acid peptide near the carboxy terminus of human SPIB. The immunogen is located within amino acids 200 - 250 of SPIB.
Predicted Reactive Species	Pig
Cross Reactivity	SPIB antibody is human, mouse and rat reactive. At least four isoforms of SPIB are known to exist; this antibody will detect all but isoform 3.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SPIB antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SPIB antibody can be used for detection of SPIB by Western blot at 1 - 2 ug/ml. Antibody can also be

used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

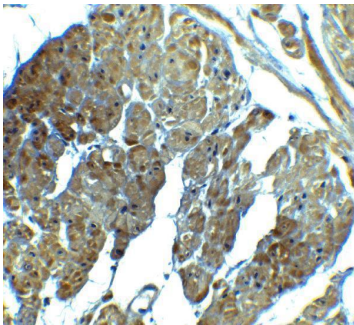
## Anti-Transcription factor Spi-B SPIB Antibody (A02805-1) Images



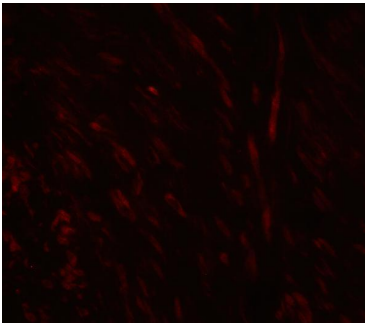
Western blot analysis of SPIB in human prostate tissue lysate with SPIB antibody at 1 ug/ml.



Immunohistochemistry of SPIB in human prostate tissue with SPIB antibody at 2.5 ug/mL.



Immunohistochemistry of SPIB in human prostate tissue with SPIB antibody at 2.5 ug/mL.



Immunofluorescence of SPIB in human prostate tissue with SPIB Antibody at 20 ug/mL.

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Anti-Transcription factor Spi-B SPIB Antibody

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