

bs-11220R

[Primary Antibody]

PTBP1 Rabbit pAb

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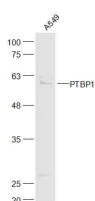
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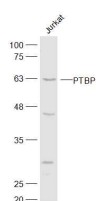
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Pig, Sheep, Cow, Chicken, Dog, Horse) Predicted MW.: 57 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 5725		
Target: PTBP1		
Immunogen: KLH conjugated synthetic peptide derived from human PTBP1: 451-531/531.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Binds to the polypyrimidine tract of introns. May promote RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA. May promote the binding of U2 snRNP to pre-mRNA. Cooperates with RAVR1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA.		

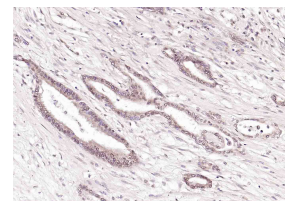
— VALIDATION IMAGES —



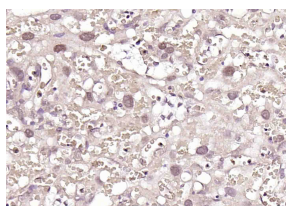
Sample: A549(Human) Cell Lysate at 30 ug
Primary: Anti-PTBP1 (bs-11220R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 57 kD Observed band size: 57 kD



Sample: Jurkat(Human) Cell Lysate at 30 ug
Primary: Anti-PTBP1 (bs-11220R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 57 kD Observed band size: 57 kD



Paraformaldehyde-fixed, paraffin embedded
(human pancreatic cancer); Antigen retrieval by
boiling in sodium citrate buffer (pH6.0) for
15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking
buffer (normal goat serum) at 37°C for 30min;
Incubation with (PTBP1) Polyclonal Antibody,
Unconjugated (bs-11220R) at 1:200 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.



Paraformaldehyde-fixed, paraffin embedded (rat
placenta); Antigen retrieval by boiling in sodium
citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Incubation with
(PTBP1) Polyclonal Antibody, Unconjugated

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

(bs-11220R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.1]** Liu Jingzhou. et al. Dual-targeting AAV9P1-mediated neuronal reprogramming in a mouse model of traumatic brain injury. NEURAL REGEN RES. 2023 Jul; WB ;Mouse. 10.4103/1673-5374.380907