

bs-11928R**[Primary Antibody]****PTBP2 Rabbit pAb****Bioss**
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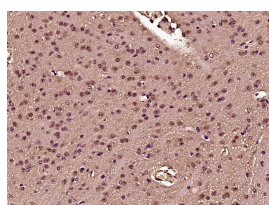
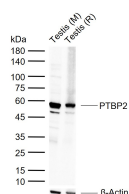
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DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 58155**SWISS:** Q9UKA9**Target:** PTBP2**Immunogen:** KLH conjugated synthetic peptide derived from human PTBP2: 21-120/531.**Purification:** affinity purified by Protein 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: PTBP2 is a member of the polypyrimidine tract binding family of proteins. Predominantly expressed in brain, but also found in heart and skeletal muscle, PTBP2 localizes to the nucleus and contains four RRM (RNA recognition motif) domains. PTBP2 functions as an RNA-binding protein associated in a complex that is involved in the regulation of exon splicing and the stabilization of mRNAs in the cytoplasm. Six isoforms exist for PTBP2 due to alternative splicing events. Isoforms 1 and 2 (also known as nPTB1 and nPTB2/PTBPLP-L, respectively) are neuronal-specific. Isoforms 3 and 4 (also known as nPTB3/PTBPLP-L and nPTB4, respectively) are found in non-neuronal tissues, as are isoforms 5 and 6 (also known as nPTB5/nPTB7/PTBPLP-S and nPTB6/nPTB8/PTBPLP-S, respectively). The existence of various isoforms may function to modulate the RNA-binding properties of PTBP2

Applications: WB (1:1000-5000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Mouse, Rat
(predicted: Human, Sheep, Cow, Dog, Horse)**Predicted MW.:** 57 kDa**Subcellular Location:** Nucleus**VALIDATION IMAGES**

Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Rat Testis tissue lysates Primary: Anti-PTBP2 (bs-11928R) at 1/3000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kDa Observed band size: 57 kDa

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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; Antibody incubation with (PTBP2) Polyclonal Antibody, Unconjugated (bs-11928R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.