SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-PTBP1/AF647 Conjugated antibody

Catalog Number: SL11220R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PTBP1/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human PTBP1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Rat(predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Sheep)
Background:	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 RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. **Function:** Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Activates exon skipping of its own pre-mRNA during muscle cell differentiation. 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 RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. Represses the splicing of MAPT/Tau exon 10. **Subunit:** Contains 4 RRM (RNA recognition motif) domains.

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

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	Subcellular Location: Nucleus. **Similarity:** Contains 4 RRM (RNA recognition motif) domains. **Database links:** **Entrez Gene:** 5725 Human **Entrez Gene:** 19205 Mouse **Entrez Gene:** 29497 Rat Omim: 600693 Human **SwissProt:** P26599 Human **SwissProt:** P17225 Mouse **SwissProt:** Q00438 Rat **Unigene:** 172550 Human **Unigene:** 265610 Mouse **Unigene:** 472059 Mouse **Unigene:** 64440 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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