

**PTBP1 Rabbit mAb**  
**Catalog # AP76675****Specification**

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**PTBP1 Rabbit mAb - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P26599</a>
Reactivity	Human, Mouse, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	59633

**PTBP1 Rabbit mAb - Additional Information****Gene ID** 5725**Other Names**  
PTBP1**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A**Format**  
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**  
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**PTBP1 Rabbit mAb - Protein Information****Name** PTBP1**Synonyms** PTB**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 (PubMed:<a href="http://www.uniprot.org/citations/15009664" target="\_blank">15009664</a>). Binds to polypyrimidine-rich controlling element (PCE) of CFTR and promotes exon skipping of CFTR exon 9, thereby antagonizing TIA1 and its role in exon inclusion of CFTR exon 9 (PubMed:<a href="http://www.uniprot.org/citations/14966131" target="\_blank">14966131</a>). Plays a role in the splicing of pyruvate kinase PKM by binding repressively to a polypyrimidine tract flanking PKM exon 9, inhibiting exon 9 inclusion and resulting in exon 10 inclusion and production of the

PKM M2 isoform (PubMed:<a href="http://www.uniprot.org/citations/20010808" target="\_blank">20010808</a>). In case of infection by picornaviruses, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES- mediated translation (PubMed:<a href="http://www.uniprot.org/citations/21518806" target="\_blank">21518806</a>).

#### **Cellular Location**

Nucleus.

#### **PTBP1 Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **PTBP1 Rabbit mAb - Images**



