

**PTBP2 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2644a****Specification**

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**PTBP2 Antibody (internal region) - Product Information**

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|-------------------|--------------------------------------------------------------------------------------------------------------------|
| Application       | E                                                                                                                  |
| Primary Accession | <a href="#">O9UKA9</a>                                                                                             |
| Other Accession   | <a href="#">NP_067013.1</a> , <a href="#">58155</a> , <a href="#">56195 (mouse)</a> , <a href="#">310820 (rat)</a> |
| Predicted Host    | Human, Mouse, Rat                                                                                                  |
| Clonality         | Goat                                                                                                               |
| Concentration     | Polyclonal                                                                                                         |
| Isotype           | 0.5 mg/ml                                                                                                          |
| Calculated MW     | IgG                                                                                                                |
|                   | 57491                                                                                                              |

**PTBP2 Antibody (internal region) - Additional Information****Gene ID** 58155**Other Names**

Polypyrimidine tract-binding protein 2, Neural polypyrimidine tract-binding protein, Neurally-enriched homolog of PTB, PTB-like protein, PTBP2, NPTB, PTB, PTBLP

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PTBP2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**PTBP2 Antibody (internal region) - Protein Information****Name** PTBP2 ([HGNC:17662](#))**Synonyms** NPTB, PTB, PTBLP**Function**

RNA-binding protein which binds to intronic polypyrimidine tracts and mediates negative regulation of exons splicing. May antagonize in a tissue-specific manner the ability of NOVA1 to activate exon selection. In addition to its function in pre-mRNA splicing, plays also a role in the regulation of translation.

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q91Z31}.

**Tissue Location**

Mainly expressed in brain although also detected in other tissues like heart and skeletal muscle. Isoform 1 and isoform 2 are specifically expressed in neuronal tissues. Isoform 3 and isoform 4 are expressed in non-neuronal tissues. Isoform 5 and isoform 6 are truncated forms expressed in non-neuronal tissues

**PTBP2 Antibody (internal region) - 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](#)

**PTBP2 Antibody (internal region) - Images****PTBP2 Antibody (internal region) - References**

A post-transcriptional regulatory switch in polypyrimidine tract-binding proteins reprograms alternative splicing in developing neurons. Boutz PL, Stoilov P, Li Q, Lin CH, Chawla G, Ostrow K, Shiue L, Ares M Jr, Black DL. Genes Dev. 2007 Jul 1;21(13):1636-52. PMID: 17606642