

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

Specification

PTBP2 Antibody (internal region) - Product Information

Application	E
Primary Accession	O9UKA9
Other Accession	NP_067013.1 , 58155 , 56195 (mouse) , 310820 (rat)
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