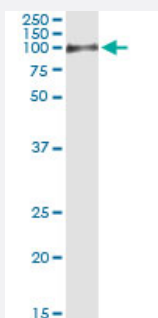


PTBP1 (Human) IP-WB Antibody Pair

Catalog # H00005725-PW1

Size 1 Set

Applications



Immunoprecipitation of PTBP1 transfected lysate using mouse monoclonal anti-PTBP1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-PTBP1.

Specification

Product Description

This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity

Human

Interspecies Antigen Sequence

Mouse (96%); Rat (96%)

Quality Control Testing

Immunoprecipitation-Western Blot (IP-WB)
Immunoprecipitation of PTBP1 transfected lysate using mouse monoclonal anti-PTBP1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-PTBP1.

Supplied Product

Antibody pair set content:
1. Antibody pair for IP: mouse monoclonal anti-PTBP1 (300 ug)
2. Antibody pair for WB: rabbit polyclonal anti-PTBP1 (50 ul)

Storage Instruction

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PTBP1

Entrez GeneID	5725
Gene Name	PTBP1
Gene Alias	HNRNP-I, HNRNPI, HNRPI, MGC10830, MGC8461, PTB, PTB-1, PTB-T, PTB2, PTB3, PTB4, pPTB
Gene Description	polypyrimidine tract binding protein 1
Omim ID	600693
Gene Ontology	Hyperlink
Gene Summary	<p>This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA-binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has four repeats of quasi-RNA recognition motif (RRM) domains that bind RNAs. This protein binds to the intronic polypyrimidine tracts that requires pre-mRNA splicing and acts via the protein degradation ubiquitin-proteasome pathway. It may also promote the binding of U2 snRNP to pre-mRNAs. This protein is localized in the nucleoplasm and it is also detected in the perinuclear structure. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]</p>
Other Designations	RNA-binding protein heterogeneous nuclear ribonucleoprotein l heterogeneous nuclear ribonucleoprotein polypeptide l polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein l) polypyrimidine tract-binding protein 1

Disease

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