

DNAxPAb

Hard-to-Find
Antibody

PTBP1 DNAxPab

Catalog # H00005725-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PTBP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDGIVPDIAVGTKRGSDELFTCVTNGPFIMSSNSASAANGNDSKKFKGDSRSAGVPSRVIHIRKL PIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYTSTPVLRGQPMYQFSNHK ELKTDSSPNQARAQAALQAVNSVQSGNLALAASAAAVDAGMAMAGQSPVLRIVENLFYPVTLT VLHQIFSKFGTVLKIITFTKNNQFQALLQYADPVSAQHAKLSLDGQNIYNACCTLRIDFSKLTSLNVK YNNDKSRDYTRPDLPSGDSQPSLDQTMAAAFGAPGIISASPYAGAGFPPTFAIPQAAGLSVPNVH GALAPLAIPSAAAAAAAAAGRIAIPGLAGAGNSVLLVSNLNPVERTPQSLFILFGVYGDVQVRVKILFN KKENALVQMADGNQAQLAMSHLNGHKLHGKPIRITLSKHQNVQLPREGQEDQGLTKDYGNSPLH RFKKPGSKNFQNIFFPSATLHLSNIPPSVSEEDLKVLFSSNGGVVKGFKFFQKDRKMALIQMGSV EEAVQALIDLHNHDLGENHHLRVFSKSTI
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PTBP1

Entrez GeneID	5725
GeneBank Accession#	NM_002819.3
Protein Accession#	NP_002810.1
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	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]
Other Designations	RNA-binding protein heterogeneous nuclear ribonucleoprotein I heterogeneous nuclear ribonucleoprotein polypeptide I polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I) polypyrimidine tract-binding protein 1

Disease

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