

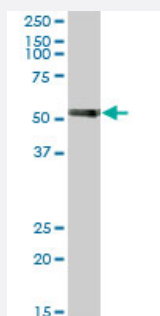
MaxPab®

PTBP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005725-B01P

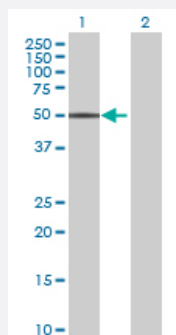
Size 50 ug

Applications



Western Blot (Tissue lysate)

PTBP1 MaxPab polyclonal antibody. Western Blot analysis of PTBP1 expression in human pancreas.

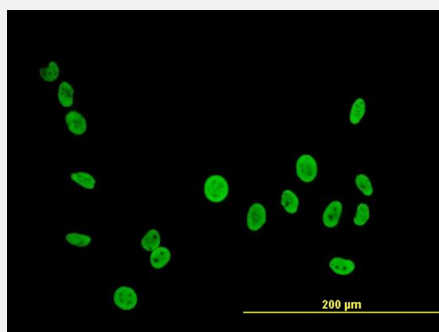


Western Blot (Transfected lysate)

Western Blot analysis of PTBP1 expression in transfected 293T cell line ([H00005725-T01](#)) by PTBP1 MaxPab polyclonal antibody.

Lane 1: PTBP1 transfected lysate(61.27 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PTBP1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PTBP1 protein.

| | |
|--------------------------------------|--|
| Immunogen | PTBP1 (NP_002810.1, 1 a.a. ~ 557 a.a) full-length human protein. |
| Sequence | MDGVPDIAVGTKRGSDELFTSTCVTNGPFIMSSNSASAANGNDSKKFKGDSRSAGVPSRVIHIRKL PIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYTSTVTPVLRGQPMYQFSNHK ELKTDSSPNQARAQAALQAVNSVQSGNLALAASAAAVDAGMAMAGQSPVLRIVENLFYPVTLD VLHQIFSKFGTVLKIITFTKNNQFQALLQYADPVSAQHAKLSLDGQNIYNACCTLRIDFSKLTSLNVK YNNDKSRDYTRPDLPSGDSQPSLDQTMAAAFAGAPGIISASPYAGAGFPPTFAIPQAAGLSVPNVH GALAPLAIPSAAAAAAAAAGRIAIPGLAGAGNSVLLVSNLNPERSVTPQSLFILFGVYGDVQRVKILFN KKENALVQMADGNQAQLAMSHLNGHKLHGKPIRITLSKHQNVQLPREGQEDQGLTKDYGNSPLH RFKKPGSKNFQNIFFPSATLHLSNIPPSVSEEDLKVLFFSSNGGVVKGFKFFQKDRKMALIQMGSV EEAVQALIDLHNHDLGENHHLRVFSFSKSTI |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (97); Rat (97) |
| 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 (Tissue lysate)

PTBP1 MaxPab polyclonal antibody. Western Blot analysis of PTBP1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PTBP1 expression in transfected 293T cell line ([H00005725-T01](#)) by PTBP1 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PTBP1 on HeLa cell. [antibody concentration 10 ug/ml]

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, p PTB |
| 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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