

Rabbit anti-Human PTBP1 Polyclonal Antibody | anti-PTBP1 antibody

Anti-PTBP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259399	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PTBP1; Polyclonal Antibody; Anti-PTBP1 Antibody; Rabbit Polyclonal; PTBP1 Antibody; Rabbit PAb; Antigen Affinity Purified; polypyrimidine tract binding protein 1; Anti-HNRNP-I Antibody; Anti-HNRNP1 Antibody; Anti-HNRPI Antibody; Anti-pPTB Antibody; Anti-PTB Antibody; Anti-PTB-1 Antibody; Anti-PTB-T Antibody; Anti-PTB2 Antibody; Anti-PTB3 Antibody; Anti-PTB4 Antibody; anti-PTBP1 antibody

PRODUCT SPECIFICATIONS

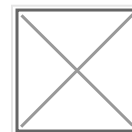
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Mouse, Rat (Species predicted to react based on 100% sequence homology)
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PTBP1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human PTBP1
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human PTBP1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

PTBP1 was immunoprecipitated using: Lane A:0.5 mg MCF7 Whole Cell Lysate 4 uL anti-PTBP1 rabbit polyclonal antibody and 60ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PTBP1 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 57 kDa Observed band size :57 kDa



IHC (Immunohistochemistry)

Immunochemical staining of human PTBP1 in human placenta with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PTBP1 in human breast carcinoma with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PTBP1 in human kidney with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PTBP1 rabbit polyclonal antibody at 1:500 dilution
Lane A: MCF-7 Whole Cell Lysate
Lane B: HepG2 Whole Cell Lysate
Lysates/proteins at 30ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution
Developed using the ECL technique. Performed under reducing conditions.
Predicted band size: 57 kDa
Observed band size: 57 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PTBP1 antibody

Polypyrimidine tract-binding protein 1 (PTBP1) is a highly conserved RNA-binding protein that is a well-known regulator of alternative splicing. PTBP1, a heterogeneous nuclear ribonucleoprotein, is a multifunctional RNA-binding protein. PTBP1 participates in some biological processes, including maintaining cell structure and motility, immunity, protein metabolism, and the cell cycle. PTBP1 involving in almost all steps of mRNA regulation including alternative splicing metabolism during tumorigenesis due to its RNA-binding activity. PTBP1 facilitates colorectal cancer migration and invasion activities by the inclusion of cortactin exon 11 and contributes to spermatogenesis through the regulation of spermatogonia proliferation. It has been reported that PTBP1 is overexpressed in many different types of cancer and this high expression is associated with increased proliferation and poor prognoses.

References

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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptbp1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/259399>