

Immunotag™ PTBP1 Antibody

Antibody Specification	
Catalog No.	ITA6724
Product Description	Immunotag™ PTBP1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PTBP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PTBP1
Specificity	PTBP1 Antibody detects endogenous levels of total PTBP1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PTBP1
Accession No.	P26599

Antibody Specification

Alternate Names	57 kDa RNA binding protein PPTB 1; 57 kDa RNA-binding protein PPTB-1; Heterogeneous nuclear ribonucleoprotein I; Heterogeneous Nuclear Ribonucleoprotein Polypeptide I; hnRNP I; HNRNP-I; HNRNPI; HNRPI; MGC10830; MGC8461; Polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I); Polypyrimidine Tract Binding Protein 1; Polypyrimidine tract binding protein; Polypyrimidine tract-binding protein 1; pPTB; PTB 1; PTB 2; PTB 3; PTB 4; PTB; PTB T; PTB1; PTB2; PTB3; PTB4; PTBP 1; PTBP1; PTBP1_HUMAN; PTBT; RNA Binding Protein;
Description	Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Activates exon skipping of its own pre-mRNA during muscle cell differentiation. Binds to the polypyrimidine tract of introns. May promote RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA. May promote the binding of U2 snRNP to pre-mRNA. Cooperates with RAVR1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. Represses the splicing of MAPT/Tau exon 10 (PubMed:15009664). In case of infection by picornaviruses, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES-mediated translation (PubMed:21518806).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	57kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.