

Datasheet for ABIN7163887
anti-PTBP1 antibody (AA 135-292)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PTBP1
Binding Specificity:	AA 135-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTBP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Polypyrimidine tract-binding protein 1 protein (135-292AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PTBP1
Alternative Name:	PTBP1 (PTBP1 Products)
Background:	Background: 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

Target Details

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).

Aliases: 57 kDa RNA binding protein PPTB 1 antibody, 57 kDa RNA-binding protein PPTB-1 antibody, Heterogeneous nuclear ribonucleoprotein I antibody, Heterogeneous Nuclear Ribonucleoprotein Polypeptide I antibody, hnRNP I antibody, HNRNP-I antibody, HNRNP1 antibody, HNRPI antibody, MGC10830 antibody, MGC8461 antibody, Polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I) antibody, Polypyrimidine Tract Binding Protein 1 antibody, Polypyrimidine tract binding protein antibody, Polypyrimidine tract-binding protein 1 antibody, pPTB antibody, PTB 1 antibody, PTB 2 antibody, PTB 3 antibody, PTB 4 antibody, PTB antibody, PTB T antibody, PTB1 antibody, PTB2 antibody, PTB3 antibody, PTB4 antibody, PTBP 1 antibody, PTBP1 antibody, PTBP1_HUMAN antibody, PTBT antibody, RNA Binding Protein antibody

UniProt: [P26599](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

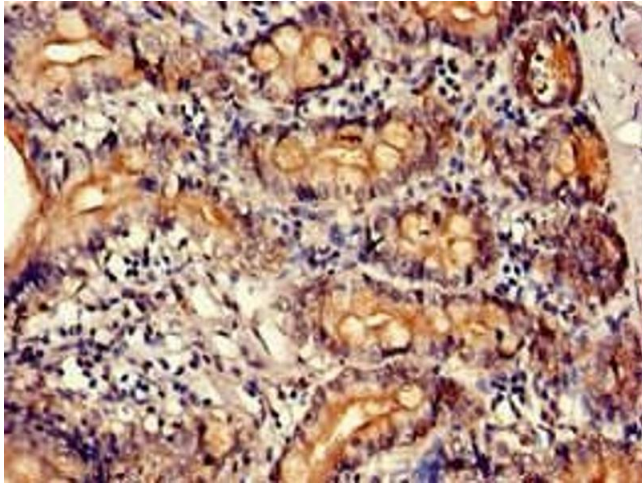
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7163887 at dilution of 1:100