

Datasheet for ABIN3032275
anti-PTBP1 antibody (AA 26-55)



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2 Images

Overview

Quantity:	0.4 mL
Target:	PTBP1
Binding Specificity:	AA 26-55
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 26-55 from the human protein was used as the immunogen for this PTBP1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine
Purification:	Antigen affinity purified

Target Details

Target:	PTBP1
Alternative Name:	PTBP1 (PTBP1 Products)
Background:	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear

Target Details

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 perinucleolar structure. Alternatively spliced transcript variants encoding different isoforms have been described.

UniProt:	P26599
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Titration of the PTBP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PTBP1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. PTBP1 antibody western blot analysis in MCF-7 lysate.



Western Blotting

Image 2. PTBP1 antibody western blot analysis in MCF-7 lysate.