

Product datasheet for TA328040

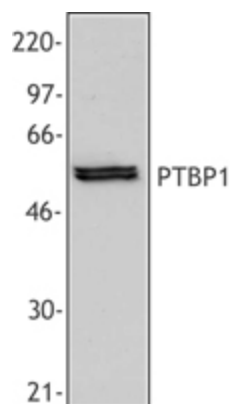
PTBP1 Mouse Monoclonal Antibody [Clone ID: 3H7]

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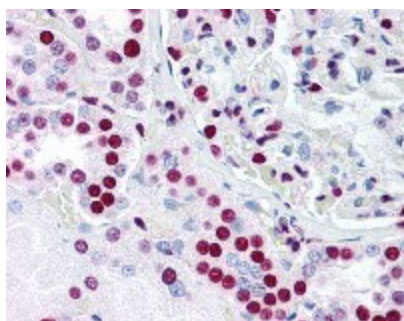
Product Type:	Primary Antibodies
Clone Name:	3H7
Applications:	IHC, WB
Recommend Dilution:	WB, IHC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant human PTBP1 (full length)
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5 mg/ml
Purification:	The antibody was purified by affinity chromatography.
Predicted Protein Size:	59.6 kD
Gene Name:	polypyrimidine tract binding protein 1
Database Link:	NP_114367 Entrez Gene 5725 Human
Background:	The 3H7 monoclonal antibody recognizes human PTBP1 also known as Polypyrimidine tract binding protein 1, Heterogeneous nuclear ribonucleoprotein I, and 57 kD RNA-binding protein. PTBP1 is a ubiquitously expressed nuclear protein with a predicted molecular weight approximately 59.6 kD. The polypyrimidine tract binding protein (PTB) is an important regulator of alternative splicing that also affects mRNA localization, stabilization, polyadenylation, and translation. PTBP1 has been shown to interact with FUS, Caspase3, PKCa, Raver1, and HnRNP-L protein. The PTB gene contains 15 exons and spans 13.5 kb. The 3H7 antibody has been shown to be useful for Western blotting.
Synonyms:	HNRNP-I; HNRNPI; HNRPI; pPTB; PTB; PTB-1; PTB-T; PTB2; PTB3; PTB4
Protein Families:	Druggable Genome



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Product images:

Extracts from human PBMC were resolved by electrophoresis, transferred to nitrocellulose, and probed with monoclonal antibody against PTBP1 (clone 3H7). Proteins were visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.



Formalin-fixed paraffin-embedded human kidney tissue was stained with 3H7 at 15 ug/ml and developed with an alkaline phosphatase chromogen substrate (red color). Tissue was counterstained with H&E (blue/pink). Magnification, 40X.