

## PTBP1 Rabbit mAb

Catalog No: #52846

Package Size: #52846-1 50ul #52846-2 100ul

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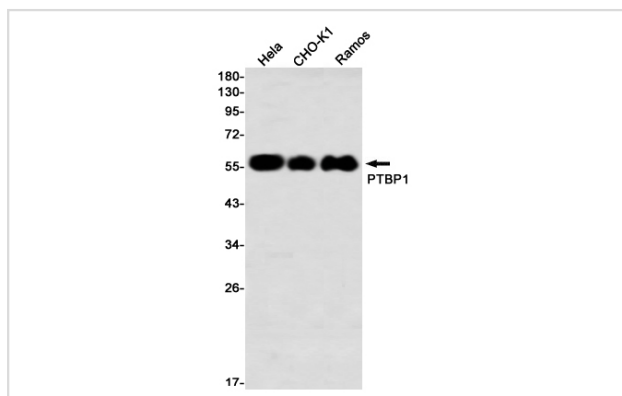
## Description

Product Name	PTBP1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-1G2
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human PTBP1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	PTB; PTB2; PTB3; PTB4; pPTB; HNRPI; PTB-1; PTB-T; HNRNPI; HNRNP-I
Accession No.	Swiss-Prot:P26599GenelD:5725
Uniprot	P26599
GenelD	5725
Calculated MW	Calculated MW:57 kDa,Observed MW:57 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

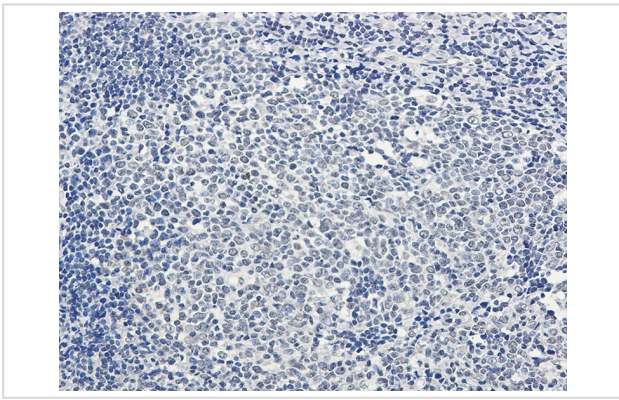
## Application Details

WB: 1/2000-1/10000 IHC: 1/50

## Images



Western blot detection of PTBP1 in HeLa,CHO-K1,Ramos using PTBP1 Rabbit mAb(1:1000 diluted)



Immunohistochemistry of PTBP1 in paraffin-embedded Human tonsil using PTBP1 Rabbit mAb at dilution 1/50

## 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 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 RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. Represses the splicing of MAPT/Tau exon 10 (PubMed:15009664).

Note: This product is for in vitro research use only