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**Product Name: PTBP1 Rabbit Monoclonal Antibody****Catalog #: AMRe03168**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Hamster
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.54mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 57 kDa; Observed MW: 57 kDa

**Antigen Information**

<b>Gene Name</b>	PTBP1
<b>Alternative Names</b>	PTB; PTB2; PTB3; PTB4; pPTB; HNRPI; PTB-1; PTB-T; HNRNPI; HNRNP-I
<b>Gene ID</b>	5725
<b>SwissProt ID</b>	P26599
<b>Immunogen</b>	A synthetic peptide of human PTBP1

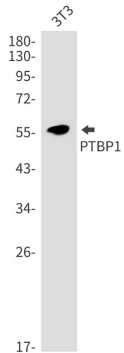
**Background**

Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Binds to the polypyrimidine tract of introns. May promote RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA.

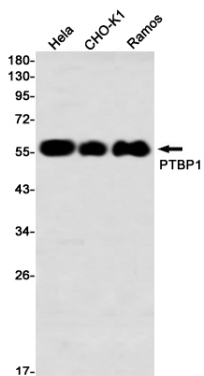
## Research Area

Epigenetics and Nuclear Signaling

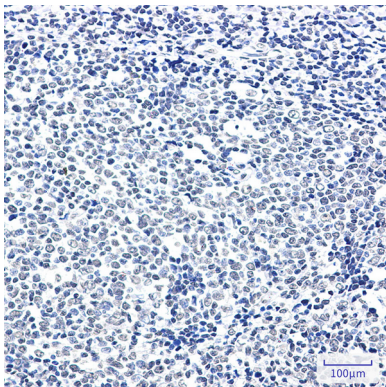
## Image Data



Western blot analysis of PTBP1 in 3T3 lysates using PTBP1 antibody.



Western blot analysis of PTBP1 in HeLa, CHO-K1, Ramos lysates using PTBP1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PTBP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.