

PTBP1 Rabbit mAb

Catalog No: #49744



Package Size: #49744-1 50ul #49744-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

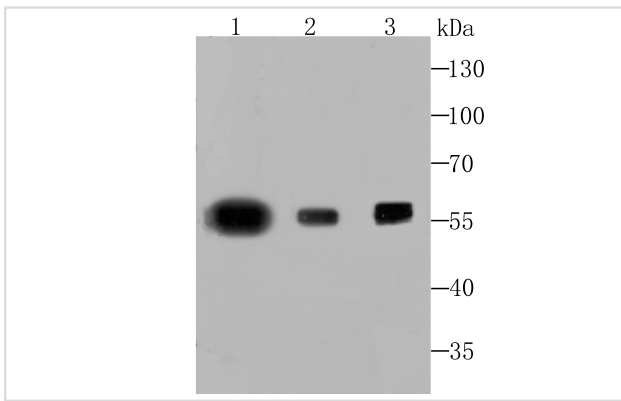
Description

Product Name	PTBP1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU41-20
Purification	ProA affinity purified
Applications	WB,IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	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 HNRNPI 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
Accession No.	Swiss-Prot#:P26599
Uniprot	P26599
GeneID	5725;
Calculated MW	57 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

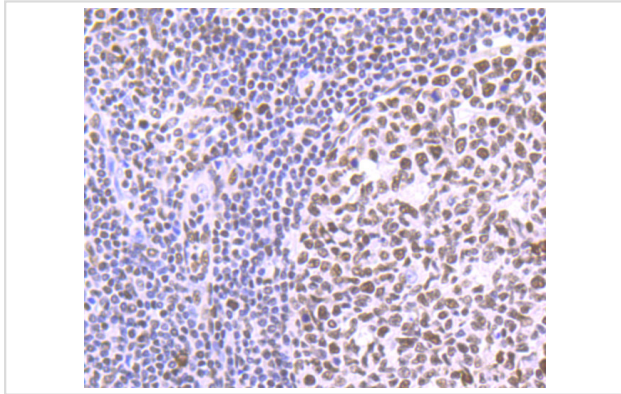
Application Details

WB: 1:500-1:2,000IHC: 1:50-1:200

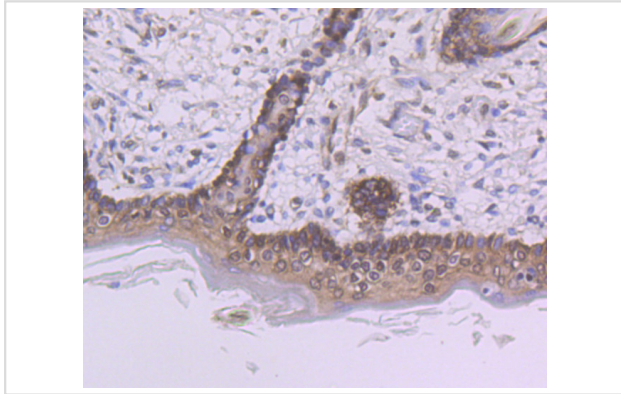
Images



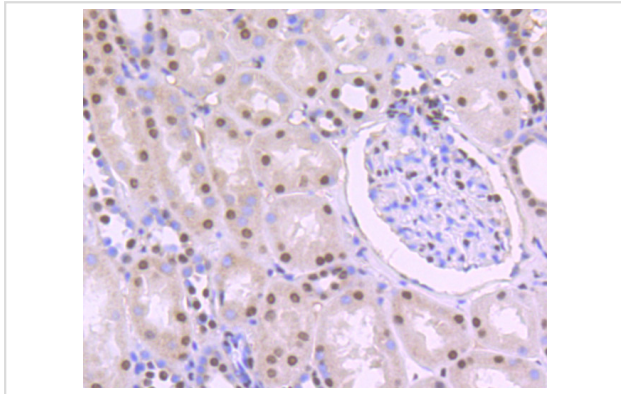
Western blot analysis of PTBP1 on different lysates using anti-PTBP1 antibody at 1/500 dilution. Positive control $\Omega\frac{1}{2}\Omega\frac{1}{2}$ Lane 1: K562 Lane 2: Jurkat Lane 3: Mouse colon tissue



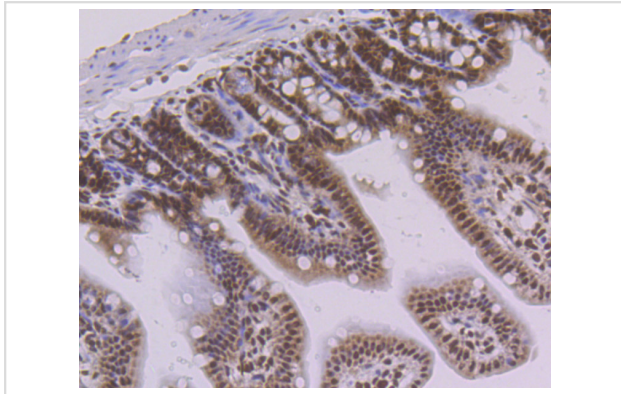
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-PTBP1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-PTBP1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-PTBP1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-PTBP1 antibody. Counter stained with hematoxylin.

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. In case of infection by picornaviruses, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES-mediated translation.

References

Note: This product is for in vitro research use only