

PTBP2 Rabbit pAb

CatalogNo: YN6778

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 58kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human PTBP2

Specificity This antibody detects endogenous levels of PTBP2 at Human, Mouse, Rat

| Target Information

Gene name PTBP2 NPTB PTB PTBLP

Protein Name	Polypyrimidine tract-binding protein 2 (Neural polypyrimidine tract-binding protein) (Neurally-enriched homolog of PTB) (PTB-like protein)		
	Organism	Gene ID	UniProt ID
	Human	58155 ;	Q9UKA9 ;
	Mouse	56195 ;	Q91Z31 ;
	Rat	310820 ;	Q66H20 ;
Cellular Localization	Nucleus .		
Tissue specificity	Mainly expressed in brain although also detected in other tissues like heart and skeletal muscle. Isoform 1 and isoform 2 are specifically expressed in neuronal tissues. Isoform 3 and isoform 4 are expressed in non-neuronal tissues. Isoform 5 and isoform 6 are truncated forms expressed in non-neuronal tissues.		
Function	RNA-binding protein which binds to intronic polypyrimidine tracts and mediates negative regulation of exons splicing. May antagonize in a tissue-specific manner the ability of NOVA1 to activate exon selection. In addition to its function in pre-mRNA splicing, plays also a role in the regulation of translation. ; [Isoform 5]: Reduced affinity for RNA.		

| Validation Data

| Contact information

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