

RBM10 Rabbit pAb

CatalogNo: YN3020

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 102kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

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 part region of human protein

Specificity

RBM10 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

RBM10 DXS8237E GPATC9 GPATCH9 KIAA0122

Protein Name	RNA-binding protein 10 (G patch domain-containing protein 9) (RNA-binding motif protein 10) (RNA-binding protein S1-1) (S1-1)		
	Organism	Gene ID	UniProt ID
	Human	8241;	P98175;
	Mouse		Q99KG3;
	Rat		P70501;
Cellular Localization	Nucleus . In the extranucleolar nucleoplasm constitutes hundreds of nuclear domains, which dynamically change their structures in a reversible manner. Upon globally reducing RNA polymerase II transcription, the nuclear bodies enlarge and decrease in number. They occur closely adjacent to nuclear speckles or IGCs (interchromatin granule clusters) but coincide with TIDRs (transcription-inactivation-dependent RNA domains).		
Tissue specificity	Bone marrow,Brain,Colon,Epithelium,Fetal brain,Human endometrium,Liver,Lung		
Function	Function:May be involved in post-transcriptional processing, most probably in mRNA splicing. Binds to RNA homopolymers, with a preference for poly(G) and poly(U) and little for poly(A).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence Caution:Translation N-terminally extended.,similarity:Contains 1 C2H2-type zinc finger.,similarity:Contains 1 G-patch domain.,similarity:Contains 1 RanBP2-type zinc finger.,similarity:Contains 2 RRM (RNA recognition motif) domains.,subcellular location:In the extranucleolar nucleoplasm constitutes hundreds of nuclear domains, which dynamically change their structures in a reversible manner. Upon globally reducing RNA polymerase II transcription, the nuclear bodies enlarge and decrease in number. They occur closely adjacent to nuclear speckles or IGCs (interchromatin granule clusters) but coincide with TIDRs (transcription-inactivation-dependent RNA domains).,subunit:Associates with the spliceosome. Component of a large chromatin remodeling complex, at least composed of MYSM1, PCAF, RBM10 and KIF11/TRIP5.,		

| Validation Data

| Contact information

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