

RBM10 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16051A**Specification**

RBM10 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P98175
Other Accession	O99KG3 , NP_005667.2 , NP_690595.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	103533
Antigen Region	85-113

RBM10 Antibody (N-term) - Additional Information**Gene ID** 8241**Other Names**

RNA-binding protein 10, G patch domain-containing protein 9, RNA-binding motif protein 10, RNA-binding protein S1-1, S1-1, RBM10, DXS8237E, GPATC9, GPATCH9, KIAA0122

Target/Specificity

This RBM10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-113 amino acids from the N-terminal region of human RBM10.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RBM10 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RBM10 Antibody (N-term) - Protein Information**Name** RBM10 ([HGNC:9896](#))

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) (By similarity). May bind to specific miRNA hairpins (PubMed:[28431233](#)).

Cellular Location

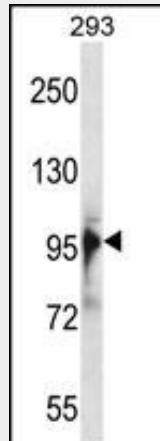
Nucleus. Note=In the extranucleolar nucleoplasm constitutes hundreds of nuclear domains, which dynamically change their structures in a reversible manner. Upon globally reducing RNA polymerase II transcription, the nuclear bodies enlarge and decrease in number. They occur closely adjacent to nuclear speckles or IGCs (interchromatin granule clusters) but coincide with TIDRs (transcription-inactivation-dependent RNA domains)

RBM10 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RBM10 Antibody (N-term) - Images



RBM10 Antibody (N-term) (Cat. #AP16051a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the RBM10 antibody detected the RBM10 protein (arrow).

RBM10 Antibody (N-term) - Background

The protein encoded by this gene contains RNA recognition motif found in a variety of RNA binding proteins, including various hnRNP proteins, proteins implicated in regulation of alternative splicing, and protein components of snRNPs. In vitro studies showed that the rat homolog bound to RNA homopolymers, with a preference for G and U polyribonucleotides. This gene is part of a gene cluster on chromosome Xp11.23, and its 3' end lies within 20 kb upstream of UBE1. Two transcript variants encoding different isoforms have been identified for this gene.

RBM10 Antibody (N-term) - References

Johnston, J.J., et al. Am. J. Hum. Genet. 86(5):743-748(2010)
Inoue, A., et al. Biol. Cell 100(9):523-535(2008)
Dephoure, N., et al. Proc. Natl. Acad. Sci. U.S.A. 105(31):10762-10767(2008)
Martin-Garabato, E., et al. Cancer Genomics Proteomics 5 (3-4), 169-173 (2008) :
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)