

# RBM39 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14119a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q14498</a>
<b>Other Accession</b>	<a href="#">Q8VH51</a> , <a href="#">NP_909122.1</a> , <a href="#">NP_004893.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB34152
<b>Calculated MW</b>	59380
<b>Antigen Region</b>	114-143

## Additional Information

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<b>Gene ID</b>	9584
<b>Other Names</b>	RNA-binding protein 39, CAPER alpha, Hepatocellular carcinoma protein 1, RNA-binding motif protein 39, RNA-binding region-containing protein 2, Splicing factor HCC1, RBM39, HCC1, RNPC2
<b>Target/Specificity</b>	This RBM39 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 114-143 amino acids from the N-terminal region of human RBM39.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	RBM39 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	RBM39 {ECO:0000303   PubMed:28302793, ECO:0000312   HGNC:HGNC:15923}
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<b>Function</b>	RNA-binding protein that acts as a pre-mRNA splicing factor (PubMed: <a href="#">15694343</a> , PubMed: <a href="#">24795046</a> , PubMed: <a href="#">28302793</a> , PubMed: <a href="#">28437394</a> , PubMed: <a href="#">31271494</a> ). Acts by promoting exon inclusion via regulation of exon cassette splicing (PubMed: <a href="#">31271494</a> ). Also acts as a transcriptional coactivator for steroid nuclear receptors ESR1/ER-alpha and ESR2/ER-beta, and JUN/AP-1, independently of the pre-mRNA splicing factor activity (By similarity).
<b>Cellular Location</b>	Nucleus speckle. Note=Concentrated in nuclear speckles (PubMed:8227358). Colocalizes with the core spliceosomal snRNP proteins (PubMed:8227358)
<b>Tissue Location</b>	Widely expressed. Highly expressed in pancreas, skeletal muscle, lung and brain (PubMed:8227358). Expressed at intermediate level in kidney, liver and heart (PubMed:8227358)

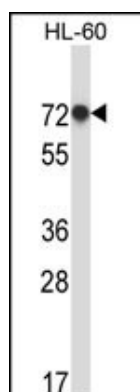
## Background

The protein encoded by this gene is an RNA binding protein and possible splicing factor. The encoded protein is found in the nucleus, where it colocalizes with core spliceosomal proteins. Studies of a mouse protein with high sequence similarity to this protein suggest that this protein may act as a transcriptional coactivator for JUN/AP-1 and estrogen receptors. Multiple transcript variants encoding different isoforms have been observed for this gene.

## References

Mercier, I., et al. Am. J. Pathol. 174(4):1172-1190(2009)  
Dutta, J., et al. J. Virol. 82(21):10792-10802(2008)  
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)  
Olsen, J.V., et al. Cell 127(3):635-648(2006)  
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## Images



RBM39 Antibody (N-term) (Cat. #AP14119a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the RBM39 antibody detected the RBM39 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.