

RBM39 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP14119a**Specification**

RBM39 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q14498](#)**RBM39 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 9584**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14119a was selected from the N-term region of RBM39. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RBM39 Antibody (N-term) Blocking peptide - Protein Information**Name** RBM39 {ECO:0000303|PubMed:28302793, ECO:0000312|HGNC:HGNC:15923}**Function**

RNA-binding protein that acts as a pre-mRNA splicing factor (PubMed:15694343, PubMed:31271494, PubMed:28437394, PubMed:28302793, PubMed:24795046). Acts by promoting exon inclusion via regulation of exon cassette splicing (PubMed:31271494). 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).

Cellular Location

Nucleus speckle. Note=Concentrated in nuclear speckles (PubMed:8227358). Colocalizes with the core spliceosomal snRNP proteins (PubMed:8227358)

Tissue Location

Widely expressed. Highly expressed in pancreas, skeletal muscle, lung and brain (PubMed:8227358). Expressed at intermediate level in kidney, liver and heart (PubMed:8227358)

RBM39 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RBM39 Antibody (N-term) Blocking peptide - Images**RBM39 Antibody (N-term) Blocking peptide - 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.

RBM39 Antibody (N-term) Blocking peptide - 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) Olsen, J.V., et al. Cell 127(3):635-648(2006)