

RBM38 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11805**Specification**

RBM38 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	O9H0Z9
Other Accession	NM_017495 , NP_059965
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Bovine, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa kDa

RBM38 antibody - N-terminal region - Additional Information**Gene ID** 55544**Alias Symbol** **RNPC1, SEB4B, SEB4D, HSRNASEB, dj800j21.2****Other Names**

RNA-binding protein 38, CLL-associated antigen KW-5, HSRNASEB, RNA-binding motif protein 38, RNA-binding region-containing protein 1, ssDNA-binding protein SEB4, RBM38, RNPC1, SEB4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RBM38 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RBM38 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RBM38 antibody - N-terminal region - Protein Information**Name** RBM38**Synonyms** RNPC1, SEB4**Function**

RNA-binding protein that specifically bind the 3'-UTR of CDKN1A transcripts, leading to maintain the stability of CDKN1A transcripts, thereby acting as a mediator of the p53/TP53 family to regulate CDKN1A. CDKN1A is a cyclin-dependent kinase inhibitor transcriptionally regulated by the

p53/TP53 family to induce cell cycle arrest. Isoform 1, but not isoform 2, has the ability to induce cell cycle arrest in G1 and maintain the stability of CDKN1A transcripts induced by p53/TP53. Also acts as a mRNA splicing factor. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2. Plays a role in myogenic differentiation.

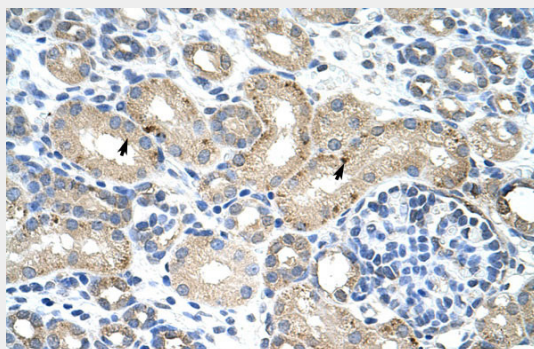
Cellular Location

Cytoplasm, cytosol. Nucleus

RBM38 antibody - N-terminal region - 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](#)

RBM38 antibody - N-terminal region - Images

Rabbit Anti-RBM38 Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

A Western blot image showing a single band at approximately 31 kDa. The molecular weight markers are indicated on the left: 90 kDa, 60 kDa, 40 kDa, 31 kDa, and 22 kDa. The band is located between the 31 kDa and 40 kDa markers.

90 kDa
60 kDa
40 kDa
31 kDa
22 kDa

WB Suggested Anti-RBM38 Antibody Titration: 0.2-1 µg/ml
Positive Control: RPMI 8226 cell lysate

RBM38 is supported by BioGPS gene expression data to be expressed in RPMI 8226

RBM38 antibody - N-terminal region - References

Strausberg, R.L., (2002) Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.