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

Specification

RBM38 antibody - N-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	Q9H0Z9
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.

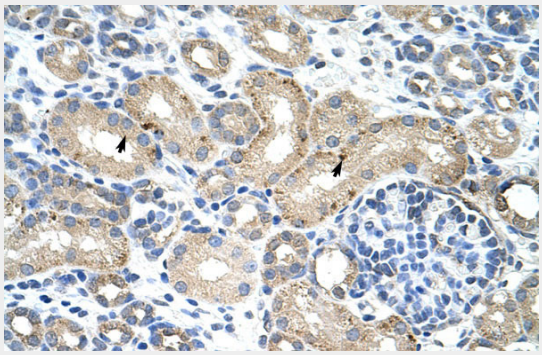
Cellular Location
Cytoplasm, cytosol. Nucleus

RBM38 antibody - N-terminal region - Protocols

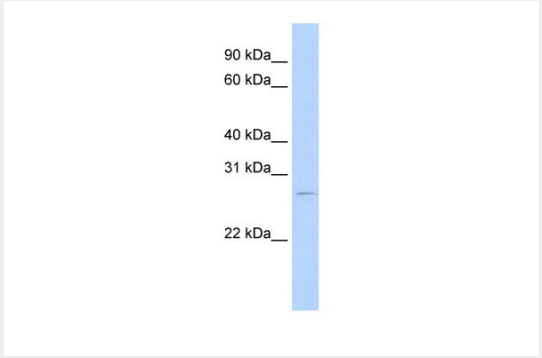
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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



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

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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), 16899-16903Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.