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# RBM38 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58715

## Product Information

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|---|---|
| **Application** | IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q9H0Z9 |
| **Reactivity** | Rat, Pig, Dog, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 25498 |

## Additional Information

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| **Gene ID** | 55544 |
| **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 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **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 |

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