

Datasheet for ABIN5009661

**anti-RBM38 antibody (AA 51-150) (AbBy Fluor® 750)**[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | RBM38                                                                                                   |
| Binding Specificity: | AA 51-150                                                                                               |
| Reactivity:          | Human                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This RBM38 antibody is conjugated to AbBy Fluor® 750                                                    |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human RBM38 |
| Isotype:              | IgG                                                       |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Chicken, Rabbit         |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Target:           | RBM38                                                                                |
| Alternative Name: | RBM38 ( <a href="#">RBM38 Products</a> )                                             |
| Background:       | Synonyms: SEB4D, CLL associated antigen KW 5, CLL-associated antigen KW-5, HSRNASEB, |

## Target Details

RBM38, RBM38\_HUMAN, RNA binding mot protein 38, RNA binding protein 38, RNA binding region RNP1, RRM containing 1, RNA binding region containing protein 1, RNA-binding mot protein 38, RNA-binding protein 38, RNA-binding region-containing protein 1, RNPC1, SEB4, SEB4B, ssDNA binding protein SEB4, ssDNA-binding protein SEB4.

Background: 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.

|           |                                                                                              |
|-----------|----------------------------------------------------------------------------------------------|
| Gene ID:  | 55544                                                                                        |
| Pathways: | <a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a> |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |

Handling

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Expiry Date: 12 months