

Datasheet for ABIN2462062
anti-RBMS3 antibody



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1 Image

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | RBMS3 |
| Reactivity: | Human, Mouse, Dog, Rat, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RBMS3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Immunogen: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human RBMS3. |
| Purification: | Antibody is purified by protein A chromatography method. |

Target Details

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|-------------------|--|
| Target: | RBMS3 |
| Alternative Name: | RBMS3 (RBMS3 Products) |
| Background: | RBMS3 is a member of a small family of proteins which bind single stranded DNA/RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. These proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and |

Target Details

apoptosis. The protein encoded by this gene is a member of a small family of proteins which bind single stranded DNA/RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. These proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. The encoded protein was isolated by virtue of its binding to an upstream element of the alpha2 (I) collagen promoter. The observation that this protein localizes mostly in the cytoplasm suggests that it may be involved in a cytoplasmic function such as controlling RNA metabolism, rather than transcription. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

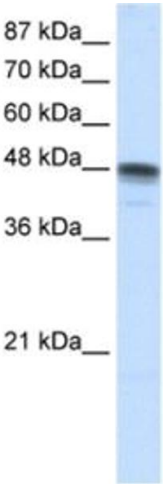
| | |
|-------------------|--|
| Molecular Weight: | 46 kDa, 48 kDa, 44 kDa, 44 kDa, 46 kDa, 45 kDa, 42 kDa |
| Gene ID: | 27303 |
| NCBI Accession: | NP_001003792 |

Application Details

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| Application Notes: | RBMS3 antibody can be used for detection of RBMS3 by ELISA at 1:312500. RBMS3 antibody can be used for detection of RBMS3 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL. |
| Concentration: | 1 mg/mL |
| Buffer: | Antibody is lyophilized in PBS buffer with 2 % sucrose. |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store RBMS3 antibody at -20 °C. |



Western Blotting

Image 1.