

## ARG41691 anti-RBMS1 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RBMS1
Tested Reactivity	Hu
Predict Reactivity	Hu, Ms, Rat, Cow, Dog, Goat, Gpig, Hrs, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RBMS1
Species	Human
Immunogen	Synthetic peptide around the C-terminal region of Human RBMS1. (within the following region: TYMPATSAMQGAYLPQYAHMQTTAVPVEEASGQQQVAVETSNDHSPYTFQ)
Conjugation	Un-conjugated
Alternate Names	HCC-4; SCR2; YC1; RNA-binding motif, single-stranded-interacting protein 1; C2orf12; Single-stranded DNA-binding protein MSSP-1; MSSP-1; MSSP; MSSP-2; MSSP-3; Suppressor of CDC2 with RNA-binding motif 2

### Application Instructions

Predict Reactivity Note	Predicted Homology Based On Immunogen Sequence: Cow: 93%; Dog: 100%; Goat: 93%; Guinea pig: 100%; Horse: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%				
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>2 - 4 µg/ml</td></tr></tbody></table>	Application	Dilution	WB	2 - 4 µg/ml
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WB	2 - 4 µg/ml				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Jurkat				
Observed Size	~ 47 kDa				

### Properties

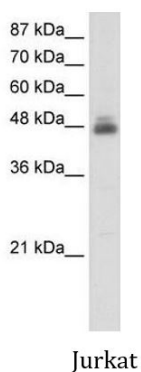
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose

Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	RBMS1
Gene Full Name	RNA binding motif, single stranded interacting protein 1
Background	This gene encodes 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. Several transcript variants, resulting from alternative splicing and encoding different isoforms, have been described. A pseudogene for this locus is found on chromosome 12. [provided by RefSeq, Feb 2009]
Function	Single-stranded DNA binding protein that interacts with the region upstream of the MYC gene. Binds specifically to the DNA sequence motif 5'-[AT]CT[AT][AT]T-3'. Probably has a role in DNA replication. [UniProt]
Calculated Mw	45 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



ARG41691 anti-RBMS1 antibody WB image

Western blot: Jurkat cell lysate stained with ARG41691 anti-RBMS1 antibody at 2.5 µg/ml dilution.