

ARG41693 anti-RBMS3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RBMS3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RBMS3
Species	Human
Immunogen	Recombinant protein corresponding to T350-P437 of Human RBMS3.
Conjugation	Un-conjugated
Alternate Names	RNA-binding motif, single-stranded-interacting protein 3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:200 - 1:1000
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 55 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 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.

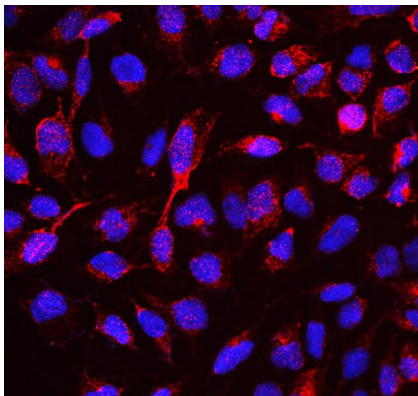
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

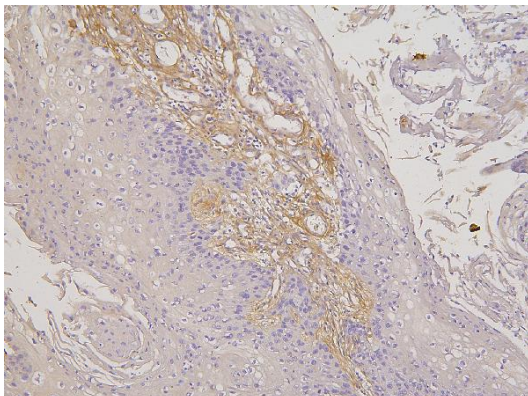
Gene Symbol	RBMS3
Gene Full Name	RNA binding motif, single stranded interacting protein 3
Background	<p>This gene encodes an RNA-binding protein that belongs to the c-myc gene single-strand binding protein family. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus 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. [provided by RefSeq, Apr 2010]</p>
Function	Binds poly(A) and poly(U) oligoribonucleotides. [UniProt]
Calculated Mw	48 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



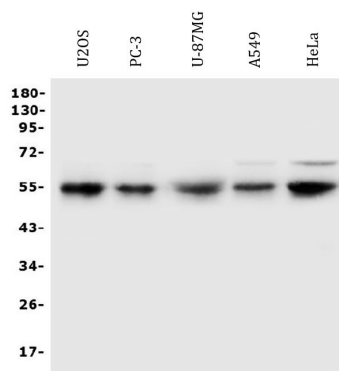
ARG41693 anti-RBMS3 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG41693 anti-RBMS3 antibody (red) at 2 µg/ml dilution, overnight at 4°C. DAPI (blue) for nuclear staining.



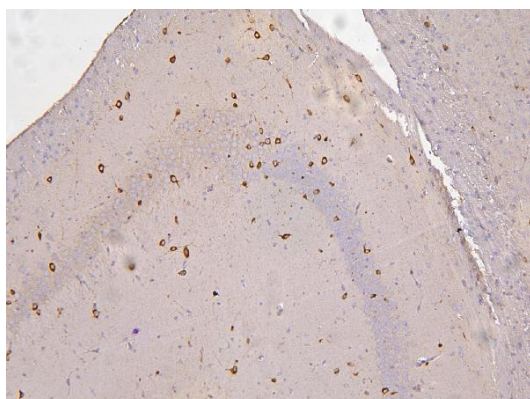
ARG41693 anti-RBMS3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human oesophagus squama cancer tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG41693 anti-RBMS3 antibody at 1 µg/ml dilution, overnight at 4°C.



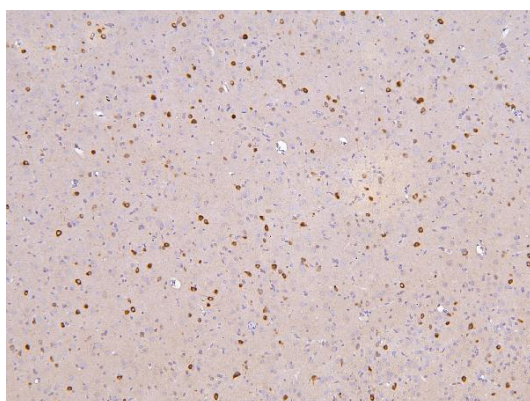
ARG41693 anti-RBMS3 antibody WB image

Western blot: 50 µg of samples under reducing conditions. U2OS, PC-3, U-87MG, A549 and HeLa whole cell lysates stained with ARG41693 anti-RBMS3 antibody at 0.5 µg/ml dilution, overnight at 4°C.



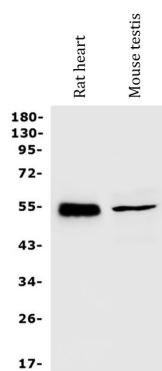
ARG41693 anti-RBMS3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG41693 anti-RBMS3 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG41693 anti-RBMS3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG41693 anti-RBMS3 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG41693 anti-RBMS3 antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat heart and Mouse testis lysates stained with ARG41693 anti-RBMS3 antibody at 0.5 µg/ml dilution, overnight at 4°C.