

Rabbit anti-Human, Mouse RBM5 Polyclonal Antibody | anti-RBM5 antibody

RBM5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323909	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RBM5; Polyclonal Antibody; RBM5 Antibody; FLJ39876; G15; H37; LUCA 15; LUCA15; Protein G15; Putative tumor suppressor LUCA15; RBM 5; Rbm5; RBM5_HUMAN; Renal carcinoma antigen NY REN 9; Renal carcinoma antigen NY-REN-9; RMB 5; RMB5; RNA binding motif protein 5; RNA binding protein 5; RNA-binding motif protein 5; RNA-binding protein 5; Tumor suppressor LUCA15; anti-RBM5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	RBM5 antibody detects endogenous levels of total RBM5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	815
Applicable Applications for anti-RBM5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Isoform 5 is widely expressed in normal tissues and is expressed at increased levels in T-leukemic cell lines.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, using RBM5 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323909 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA323909 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-RBM5 antibody

Function: Component of the spliceosome A complex. Regulates alternative splicing of a number of mRNAs. May modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. May both positively and negatively regulate apoptosis by regulating the alternative splicing of several genes involved in this process, including FAS and CASP2/caspase-2. In the case of FAS, promotes exclusion of exon 6 thereby producing a soluble form of FAS that inhibits apoptosis. In the case of CASP2/caspase-2, promotes exclusion of exon 9 thereby producing a catalytically active form of CASP2/Caspase-2 that induces apoptosis.

Subunit Structure: Component of the spliceosome A complex (also known as the prespliceosome). Appears to dissociate from the spliceosome upon formation of the spliceosome B complex (also known as the precatalytic spliceosome), in which the heterotrimeric U4/U6.U5 snRNPs are bound. Interacts with U2AF2; this interaction is direct. Also interacts with ACIN1, PRPF8, SFRS3, SNRPB, SNRPN, SNRNP70 and SNRNP200; these interactions may be indirect.

Similarity: Belongs to the RBM5/RBM10 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032031
NCBI GeneID	10181
NCBI Accession #	NP_005769.1
NCBI GenBank Nucleotide #	NM_005778.3
UniProt Accession #	P52756; Q93021; Q9BU14; Q9HDA6; Q9UKY8; Q9UL24; B2RA45; B4DM16; B4DMF9; B4DZ63
Molecular Weight	Observed: 92 kD Predicted: 93 kDa
NCBI Official Full Name	RNA-binding protein 5
NCBI Official Synonym Full Names	RNA binding motif protein 5
NCBI Official Symbol	RBM5
NCBI Official Synonym Symbols	G15; H37; RMB5; LUCA15; LUCA-15
NCBI Protein Information	RNA-binding protein 5
UniProt Protein Name	RNA-binding protein 5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rbm5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323909>