

Rabbit anti-Human, Mouse RBM22 Polyclonal Antibody | anti-RBM22 antibody

Rabbit anti-RBM22 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212378	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RBM22; Polyclonal Antibody; Rabbit anti-RBM22 Antibody; Affinity Purified; Cwc2; zinc finger CCCH domain-containing protein 16; ZC3H16; RNA-binding motif protein 22; pre-mRNA-splicing factor RBM22; fSAP47; functional spliceosome-associated protein 47; Pre-mRNA-splicing factor RBM22; RNA binding motif protein 22; anti-RBM22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RBM22 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Zebrafish, X. laevis, X. tropicalis, Chicken, Bovine, Orangutan
Immunogen	Between 175 and 225
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse RBM22 by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RBM22 antibody (AAA212378 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



WB (Western Blot)

Detection of human RBM22 by western blot. Samples: Whole cell lysate (10 ug) from HEK293T, HeLa, Jurkat, OVCAR-8, and SR cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RBM22 antibody (AAA212378 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human RBM22 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RBM22 antibody (AAA212378 lot 2) used for IP at 6 ug per reaction. RBM22 was also immunoprecipitated by a previous lot of this antibody (AAA212378 lot 1) and a second antibody against a different epitope of RBM22 . For blotting immunoprecipitated RBM22, AAA212378 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-RBM22 antibody	RNA binding motif protein 22 (RBM22) is involved in the first step of pre-mRNA splicing. It binds directly to the internal stem-loop (ISL) domain of the U6 snRNA and to the pre-mRNA intron near the 5' splice site during the activation and catalytic phases of the spliceosome cycle. RBM22 is involved in both translocations of the nuclear SLU7 to the cytoplasm and the cytosolic calcium-binding protein PDCD6 to the nucleus upon cellular stress responses [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9NW64].
Product Categories/Family for anti-RBM22 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922328
NCBI GeneID	55696
NCBI Accession #	NP_060517.1
NCBI GenBank Nucleotide #	NM_018047.2
UniProt Accession #	Q9NW64 ; O95607 ; A6NDM5 ; B4DLI9
Molecular Weight	41,152 Da
NCBI Official Full Name	pre-mRNA-splicing factor RBM22
NCBI Official Synonym Full Names	RNA binding motif protein 22
NCBI Official Symbol	RBM22
NCBI Official Synonym Symbols	Cwc2; ZC3H16; fSAP47
NCBI Protein Information	pre-mRNA-splicing factor RBM22
UniProt Protein Name	Pre-mRNA-splicing factor RBM22
UniProt Gene Name	RBM22
UniProt Synonym Gene Names	ZC3H16
UniProt Entry Name	RBM22_HUMAN

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/rbm22-antibody-immunoprecipitation-western-blot-elisa/212378>