

Rabbit RBM41 Polyclonal Antibody | anti-RBM41 antibody

Anti-RBM41 Antibody Picoband

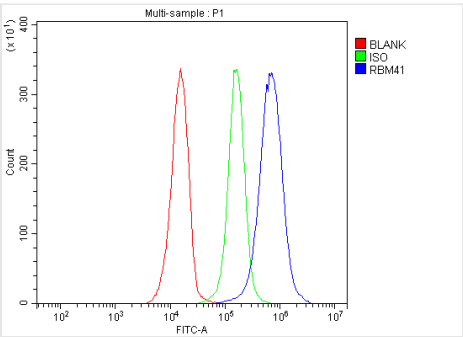
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126625	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

RBM41; Polyclonal Antibody; Anti-RBM41 Antibody Picoband; anti-RBM41 antibody

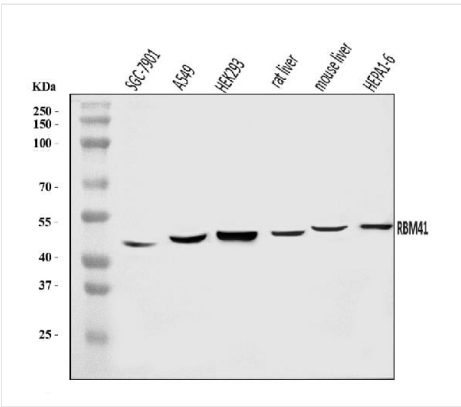
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-RBM41 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human RBM41 recombinant protein (Position: E130-F384).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of Jurkat cells using anti-RBM41 antibody (AAA126625).Overlay histogram showing Jurkat cells stained with AAA126625 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-RBM41 Antibody (AAA126625, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of RBM41 using anti-RBM41 antibody (AAA126625).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human SGC-7901 whole cell lysates,Lane 2: human A549 whole cell lysates,Lane 3: human HEK293 whole cell lysates,Lane 4: rat liver tissue lysates,Lane 5: mouse liver tissue lysates,Lane 6: mouse HEPA1-6 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RBM41 antigen affinity purified polyclonal antibody (#AAA126625) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for RBM41 at approximately 47 kDa. The expected band size for RBM41 is at 47 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RBM41 antibody	RBM41 is an RNA-binding protein of unknown specific function. The human gene is mapped to Xq22.3.
Product Categories/Family for anti-RBM41 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	283806598
NCBI GeneID	55285
NCBI Accession #	NP_001164551
NCBI GenBank Nucleotide #	NM_001171080
UniProt Accession #	Q96IZ5; Q5JSN7; Q5JSN8; Q9H8F7; Q9NV04
Molecular Weight	35,962 Da
NCBI Official Full Name	RNA-binding protein 41 isoform 2
NCBI Official Synonym Full Names	RNA binding motif protein 41
NCBI Official Symbol	RBM41
NCBI Protein Information	RNA-binding protein 41; RNA-binding motif protein 41
UniProt Protein Name	RNA-binding protein 41
UniProt Gene Name	RBM41

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://www.aaabiotech.com/polyclonal/rbm41-antibody-flow-cytometry-western-blot-elisa/126625>