

Rabbit anti-Human RBM11 Polyclonal Antibody | anti-RBM11 antibody

Anti-RBM11 Antibody Picoband

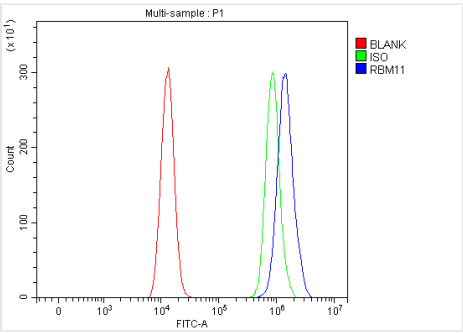
CATALOG # AAA127778	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

RBM11; Polyclonal Antibody; Anti-RBM11 Antibody Picoband; Alpha-amylase 1; 3.2.1.1; 1; 4-alpha-D-glucan glucanohydrolase 1; Salivary alpha-amylase; AMY1A; AMY1; AMY1B; AMY1C; anti-RBM11 antibody

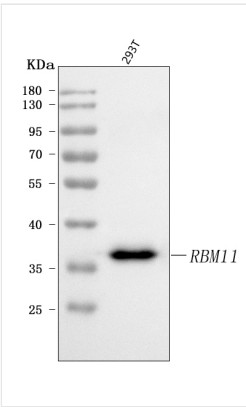
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	HighlyExpressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine.Expressed in the lens, cornea and retina. StronglyExpressed in the distal tips of the retinal neuroepithelium that form the iris and ciliary body.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Applicable Applications for anti-RBM11 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E coli-derived human RBM11 recombinant protein (Position: M1-K246).
Subcellular Localization	Secreted
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins
Protein Function	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.
Preparation and Storage	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 HEL cells using anti-RBM11 antibody (AAA127778).Overlay histogram showing HEL cells stained with AAA127778 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-RBM11 Antibody (AAA127778, 1ug/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 (1ug/1x10⁶) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



WB (Western Blot)

Figure 1. Western blot analysis of RBM11 using anti-RBM11 antibody (AAA127778).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 293T 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-RBM11 antigen affinity purified polyclonal antibody (#AAA127778) at 0.5ug/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 RBM11 at approximately 36 kDa. The expected band size for RBM11 is at 32 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RBM11 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-RBM11 antibody	Primary Antibodies; Complement; Immunology; Innate Immunity
References	1. Gross, M. B. Personal Communication. Baltimore, Md. 4/12/2018.2. Pedrotti, S., Busa, R., Compagnucci, C., Sette, C. The RNA recognition motif protein RBM11 is a novel tissue-specific splicing regulator. Nucleic Acids Res. 40: 1021-1032, 2012.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169234630
NCBI GeneID	54033
NCBI Accession #	NP_658983.3
NCBI GenBank Nucleotide #	NM_144770.3
UniProt Accession #	P57052; Q6YNC2; Q8NBA1; Q8NFF6
Molecular Weight	26,465 Da
NCBI Official Full Name	splicing regulator RBM11
NCBI Official Synonym Full Names	RNA binding motif protein 11
NCBI Official Symbol	RBM11
NCBI Protein Information	splicing regulator RBM11; RNA-binding motif protein 11; putative RNA-binding protein 11
UniProt Protein Name	Splicing regulator RBM11

UniProt Gene Name	RBM11
UniProt Entry Name	RBM11_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://www.aaabiotech.com/polyclonal/rbm11-antibody-flow-cytometry-western-blot-elisa/127778>