

Anti-RBM4 Antibody Picoband®

Catalog Number: A04140-3

About RBM4

Enables RNA binding activity and cyclin binding activity. Involved in several processes, including IRES-dependent translational initiation of linear mRNA; negative regulation of translation; and regulation of alternative mRNA splicing, via spliceosome. Located in cytoplasmic stress granule; cytosol; and nuclear lumen.

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Overview

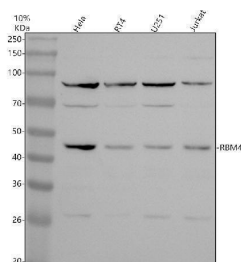
Product Name	Anti-RBM4 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-RBM4 Antibody Picoband® catalog # A04140-3. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9BWF3

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human RBM4.
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human

Anti-RBM4 Antibody Picoband® (A04140-3) Images



Western blot analysis of RBM4 using anti-RBM4 antibody (A04140-3). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human RT4 whole cell lysates, Lane 3: human U251 whole cell lysates, Lane 4: human Jurkat 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-RBM4 antigen affinity purified polyclonal antibody (A04140-3) at 0.5 ug/mL overnight at 4°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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for RBM4 at approximately 45 kDa. The expected band size for RBM4 is at 40 kDa.

Anti-RBM4 Antibody

For Research Use Only. Not for use in diagnostic procedures.