

Product datasheet for **TA398701**

rpmB Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, WB

Recommended Dilution: WB: 0.5 µg/mL.

Antibody validated: Western Blot in E.coli samples. All other applications and species not yet tested.

Reactivity: Escherichia coli

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Anti-rpmB/L28 antibody (**10061**) was raised against an 15 amino acid peptide near the amino terminus of E. coli rpmB/L28.

The immunogen is located within the first 50 amino acids of rpmB/L28.

Formulation: rpmB/L28 Antibody is supplied in PBS containing 0.02% sodium azide.

Concentration: 1 mg/mL

Purification: rpmB/L28 Antibody is affinity chromatography.

Conjugation: Unconjugated

Storage: rpmB/L28 Antibody can be stored at 4 °C for three months and -20 °C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: Predicted: 9 kD

Observed: 9 kD

Database Link: [P0A7M2](#)



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Background: The rpmB/L28 protein is a component of the 50S subunit of the ribosome and is required for ribosome assembly. rpmB/L28 interacts with 23S rRNA and crosslinks to L9, L15 and L17 stimulate the interactions of rpmB/L28 with 23S rRNA. rpmB/L28 is phosphorylated at Thr8. rpmB/L28 is labeled by the macrolides carbomycin A, niddamycin and tylosin, which inhibit ribosomal activity.

Note: Optimal dilutions for each application to be determined by the researcher.