

## Product datasheet for **TA398700**

### **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 (**10059**) was raised against an 19 amino acid peptide near the carboxy terminus of E. coli rpmB/L28.

The immunogen is located within the last 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](#)



[View online »](#)

**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.