

## Product datasheet for **TA398703**

### rpmH 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-rpmH/L34 antibody (**10065**) was raised against an 15 amino acid peptide near the carboxyl terminus of E. coli rpmH/L34.

The immunogen is located within the last 30 amino acids of rpmH/L34.

Formulation: rpmH/L34 Antibody is supplied in PBS containing 0.02% sodium azide.

Concentration: 1 mg/mL

Purification: rpmH/L34 Antibody is affinity chromatography.

Conjugation: Unconjugated

Storage: rpmH/L34 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: 5.4 kD

Observed: 6 kD

Database Link: [P0A7P5](#)



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- Background:** The rpmH/L34 protein is a component of the 50S subunit of the ribosome. rpmH/L34 can be isolated in a complex with 5S rRNA, tRNA, and other proteins of the large ribosomal subunit. rpmH/L34 is one of six proteins that is completely lost from ribosomes in post-stationary cells. rpmH/L34 was identified as "antizyme 2", an inhibitor of the biosynthetic ornithine and arginine decarboxylases, enzymes are involved in the biosynthesis of polyamines.
- Note:** Optimal dilutions for each application to be determined by the researcher.