

Product datasheet for TA338349

RPLP2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-RPLP2 antibody is: synthetic peptide directed towards the N-terminal

region of Human RPLP2. Synthetic peptide located within the following region:

MRYVASYLLAALGGNSSPSAKDIKKILDSVGIEADDDRLNKVISELNGKN

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 12 kDa

Gene Name: ribosomal protein lateral stalk subunit P2

Database Link: NP 000995

Entrez Gene 6181 Human

P05387



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Background: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and

a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal phosphoprotein that is a component of the 60S subunit. The protein, which is a functional equivalent of the E. coli L7/L12 ribosomal protein, belongs to the L12P family of ribosomal proteins. It plays an important role in the elongation step of protein synthesis. Unlike most ribosomal proteins, which are basic, the encoded protein is acidic. Its C-terminal end is nearly identical to the C-terminal ends of the ribosomal phosphoproteins P0 and P1. The P2 protein can interact with P0 and P1 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Synonyms: D11S2243E; LP2; P2; RPP2

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine:

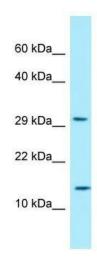
100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Dog: 92%; Goat: 79%; Yeast: 79%;

Zebrafish: 79%

Protein Families: Druggable Genome

Protein Pathways: Ribosome

Product images:



WB Suggested Anti-RPLP2 Antibody; Titration: 1.0 ug/ml; Positive Control: OVCAR-3 Whole Cell RPLP2 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells