

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## **Product datasheet for TA358476**

### **RPS2 Rabbit Polyclonal Antibody**

#### **Product data:**

| Product Type:           | Primary Antibodies  |
|-------------------------|---|
| Applications:           | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Specificity:            | <b>Expected reactivity</b> : Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast,<br>Zebrafish<br><b>Homology</b> : Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 92%; Horse: 100%; Human:<br>100%; Mouse: 100%; Rabbit: 85%; Rat: 100%; Yeast: 79%; Zebrafish: 93% |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br>Note that this product is shipped as lyophilized powder to China customers.  |
| Concentration:          | lot specific  |
| Purification:           | Affinity Purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.   |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 32kDa   |
| Gene Name:              | ribosomal protein S2  |
| Database Link:          | <u>NP_002943</u><br><u>Entrez Gene 6187 Human</u><br><u>P15880</u>  |



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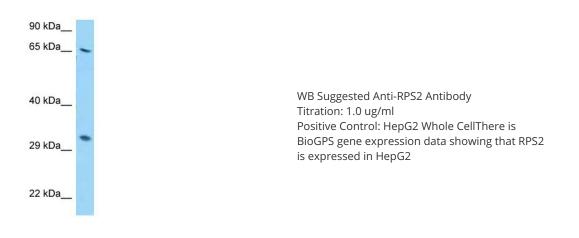
# **ORIGENE** RPS2 Rabbit Polyclonal Antibody – TA358476

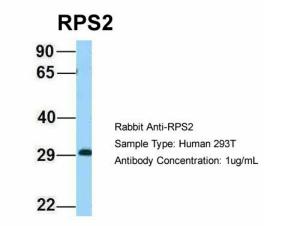
Ribosome

| Background: | Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and<br>a large 60S subunit. Together these subunits are composed of 4 RNA species and<br>approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is<br>a component of the 40S subunit. The protein belongs to the S5P family of ribosomal proteins.<br>It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is<br>co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. As is<br>typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of<br>this gene dispersed through the genome. |
|-------------|--|
| Synonyms:   | LLREP3; MGC102851; MGC117344; MGC117345; OK/KNS-cl.6; RPS4; S4   |

Protein Pathways:

#### **Product images:**





Host: Rabbit Target Name: RPS2 Sample Type: Human 293T Antibody Dilution: 1.0ug/mlRPS2 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells

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