

## Product datasheet for **TA338354**

### RPL27A Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RPL27A antibody is: synthetic peptide directed towards the C-terminal region of Human RPL27A. Synthetic peptide located within the following region: GAAPIIDVVRSGYYKVLGKGLPKQPVIVKAKFFSRRAEEKIKSVGGACV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	ribosomal protein L27a
Database Link:	<a href="#">NP_000981</a> <a href="#">Entrez Gene 6157 Human P46776</a>



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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 protein that is a component of the 60S subunit. The protein belongs to the L15P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome.

**Synonyms:**

L27A

**Note:**

Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Zebrafish: 93%; Guinea pig: 93%; Yeast: 85%

**Protein Pathways:**

Ribosome

**Product images:**

WB Suggested Anti-RPL27A Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal kidney