

## Product datasheet for **TA334329**

### MRPL36 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-MRPL36 antibody is: synthetic peptide directed towards the C-terminal region of Human MRPL36. Synthetic peptide located within the following region: PGLLPHLLPALGFKNKTVLKKRCKDCYLVKRRGRWYVYCKTHPRHKQRQM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11 kDa
Gene Name:	mitochondrial ribosomal protein L36
Database Link:	<a href="#">NP_115868</a> <a href="#">Entrez Gene 64979 Human</a> <a href="#">Q9P0J6</a>



[View online »](#)

**Background:**

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. A pseudogene corresponding to this gene is found on chromosome 2p.

**Synonyms:**

BRIP1; L36mt; MRP-L36; PRPL36; RPMJ

**Note:**

Immunogen Sequence Homology: Human: 100%; Horse: 86%; Zebrafish: 85%; Rat: 83%; Mouse: 83%; Dog: 82%; Pig: 79%; Bovine: 79%; Rabbit: 79%; Yeast: 77%; Guinea pig: 75%

**Product images:**

Host: Rabbit; Target Name: MRPL36; Sample Tissue: Jurkat Whole Cell lysates; Antibody Dilution: 1.0 ug/ml