

## Product datasheet for **TA362409**

### MRPS35 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MRPS35
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
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:	21 kDa
Gene Name:	mitochondrial ribosomal protein S35
Database Link:	<a href="#">NP_001177793.1</a> <a href="#">Entrez Gene 60488 Human</a> <a href="#">P82673-2</a>



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**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 28S subunit protein that has had confusing nomenclature in the literature. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 3p, 5q, and 10q.

**Synonyms:**

DKFZp762P093; HDCMD11P; MDS023; MGC104278; MRP-S28; MRP-S35; MRPS28; S28mt; S35mt

**Product images:**

Host: Rabbit  
Target Name: MRPS35  
Sample Type: U937 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: MRPS35  
Sample Tissue: Human U937 Whole Cell lysates  
Antibody Dilution: 1ug/ml