

Product datasheet for TA360669

MRPL23 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 MRPL23

Expected reactivity: Human Specificity:

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

sucrose.

Concentration: lot specific

Affinity purified **Purification:** Conjugation: Unconjugated

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small Storage:

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 16 kDa

Gene Name: mitochondrial ribosomal protein L23

NP 066957.3 Database Link:

Entrez Gene 6150 Human

Q16540



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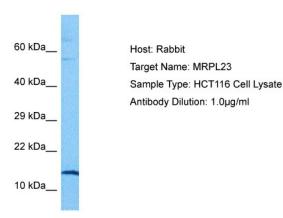
Background:

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 39S subunit protein. The gene is biallelically expressed, despite its location within a region of imprinted genes on chromosome 11.

Synonyms: FLJ45387; L23MRP; L23mt; MRP-L23; OTTHUMP00000069610; RPL23; RPL23L

Protein Families: Druggable Genome

Product images:



Host: Rabbit

Target Name: MRPL23

Sample Tissue: HCT116 Whole Cell lysates

Antibody Dilution: 1.0ug/ml