

MRPS24 Rabbit pAb

Catalog No.: A20722

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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. A pseudogene corresponding to this gene is found on chromosome 11. Read-through transcription exists between this gene and the upstream upregulator of cell proliferation (URGCP) gene.

Recommended Dilutions

WB 1:500 - 1:2000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

64951

Swiss Prot

P13077

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

S24mt; bMRP47; HSPC335; MRP-S24; bMRP-47; MRPS24

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.