

MRPS24 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10497c**Specification**

MRPS24 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O96EL2](#)
Other Accession [NP_114403.1](#)

MRPS24 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 64951

Other Names

28S ribosomal protein S24, mitochondrial, MRP-S24, S24mt, bMRP-47, bMRP47, MRPS24

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MRPS24 Antibody (Center) Blocking Peptide - Protein Information

Name MRPS24

Cellular Location

Mitochondrion.

MRPS24 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MRPS24 Antibody (Center) Blocking Peptide - Images**MRPS24 Antibody (Center) Blocking Peptide - 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

mammalianmitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising themitoribosome differ greatly in sequence, and sometimes inbiochemical properties, which prevents easy recognition by sequencehomology. MRPS24 encodes a 28S subunit protein. A pseudogenecorresponding to this gene is found on chromosome 11. [provided byRefSeq].

MRPS24 Antibody (Center) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
:Zhang, Z., et al. Genomics 81(5):468-480(2003)Kenmochi, N., et al. Genomics 77 (1-2), 65-70
(2001) :Suzuki, T., et al. J. Biol. Chem. 276(35):33181-33195(2001)