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MRPS23 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18360c

Specification

MRPS23 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9Y3D9

MRPS23 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 51649

Other Names
28S ribosomal protein S23, mitochondrial, MRP-S23, S23mt, MRPS23

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.

MRPS23 Antibody (Center) Blocking Peptide - Protein Information

Name MRPS23

Cellular Location
Mitochondrion.

MRPS23 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

MRPS23 Antibody (Center) Blocking Peptide - Images

MRPS23 Antibody (Center) Blocking Peptide - Background

Mammalian mitochondrial ribosomal proteins are encoded bynuclear genes and help in protein synthesis within themitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of asmall 28S subunit and a large 39S subunit. They have an estimated75% protein to rRNA composition compared to prokaryotic ribosomes,where this ratio is reversed. Another difference between mammalianmitoribosomes and prokaryotic ribosomes is that the latter containa 5S rRNA. Among

different species, the proteins comprising themitoribosome differ greatly in sequence, and sometimes inbiochemical properties, which prevents easy recognition by sequencehomology. This gene encodes a 28S subunit protein. A pseudogenecorresponding to this gene is found on chromosome 7p. [provided byRefSeq].

MRPS23 Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Zhang, Z., et al. Genomics 81(5):468-480(2003)Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :Cavdar Koc, E., et al. J. Biol. Chem. 276(22):19363-19374(2001)Koc, E.C., et al. J. Biol. Chem. 275(42):32585-32591(2000)