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RM30 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10401c

Specification

RM30 Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q8TCC3
Other Accession	NP_660213.1

RM30 Antibody (Center) Blocking peptide - Additional Information

Gene ID 51263

Other Names
39S ribosomal protein L30, mitochondrial, L30mt, MRP-L30, 39S ribosomal protein L28, mitochondrial, L28mt, MRP-L28, MRPL30, MRPL28, RPML28

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.

RM30 Antibody (Center) Blocking peptide - Protein Information

Name MRPL30

Synonyms MRPL28, RPML28

Cellular Location
Mitochondrion

RM30 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

RM30 Antibody (Center) Blocking peptide - Images

RM30 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 39S subunit protein. Sequenceanalysis identified at least two transcript variants encoding thesame protein. Pseudogenes corresponding to this gene are found onchromosomes 6p and 12p.

RM30 Antibody (Center) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Hillier, L.W., et al. Nature 434(7034):724-731(2005)Zhang, Z., et al. Genomics 81(5):468-480(2003)Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :Goldschmidt-Reisin, S., et al. J. Biol. Chem. 273(52):34828-34836(1998)