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RT26 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9662b

Specification

RT26 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9BYN8

RT26 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 64949

Other Names
28S ribosomal protein S26, mitochondrial, MRP-S26, S26mt, 28S ribosomal protein S13, mitochondrial, MRP-S13, S13mt, MRPS26, C20orf193, RPMS13

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.

RT26 Antibody (C-term) Blocking Peptide - Protein Information

Name MRPS26

Synonyms C20orf193, RPMS13

Cellular Location
Mitochondrion.

RT26 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RT26 Antibody (C-term) Blocking Peptide - Images

RT26 Antibody (C-term) Blocking Peptide - Background

RT26 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. This gene lies adjacent to and downstream of the gonadotropin-releasing hormone precursor gene.

RT26 Antibody (C-term) Blocking Peptide - References

Ishiguchi, H., et al. Int. J. Cancer 111(6):900-909(2004)Zhang, Z., et al. Genomics 81(5):468-480(2003)Deloukas, P., et al. Nature 414(6866):865-871(2001)Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :Cavdar Koc, E., et al. J. Biol. Chem. 276(22):19363-19374(2001)Scanlan, M.J., et al. Cancer Immun. 1, 4 (2001) :