

RT28 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5587b**Specification**

RT28 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9Y2O9](#)
Other Accession [NP_054737.1](#)

RT28 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 28957

Other Names

28S ribosomal protein S28, mitochondrial, MRP-S28, S28mt, 28S ribosomal protein S35, mitochondrial, MRP-S35, S35mt, MRPS28, MRPS35

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.

RT28 Antibody (C-term) Blocking peptide - Protein Information

Name MRPS28

Synonyms MRPS35

Cellular Location

Mitochondrion.

RT28 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RT28 Antibody (C-term) Blocking peptide - Images**RT28 Antibody (C-term) 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 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 that has been called mitochondrial ribosomal protein S35 in the literature.

RT28 Antibody (C-term) Blocking peptide - References

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) O'Brien, T.W., et al. J. Biol. Chem. 275(24):18153-18159(2000)