

# 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, MRPS38, 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.

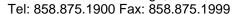
#### • Blocking Peptides

RT28 Antibody (C-term) Blocking peptide - Images

## RT28 Antibody (C-term) Blocking peptide - Background

Mammalian mitochondrial ribosomal proteins are encoded 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 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 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 that has beencalled 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)