

C12orf10 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11251a**Specification**

C12orf10 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9HB07](#)**C12orf10 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 60314**Other Names**

UPF0160 protein MYG1, mitochondrial, C12orf10

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.

C12orf10 Antibody (N-term) Blocking peptide - Protein Information**Name** MYG1 ([HGNC:17590](#))**Synonyms** C12orf10**Function**

3'-5' RNA exonuclease which cleaves in situ on specific transcripts in both nucleus and mitochondrion. Involved in regulating spatially segregated organellar RNA processing, acts as a coordinator of nucleo-mitochondrial crosstalk (PubMed:31081026). In nucleolus, processes pre-ribosomal RNA involved in ribosome assembly and alters cytoplasmic translation. In mitochondrial matrix, processes 3'-termini of the mito-ribosomal and messenger RNAs and controls translation of mitochondrial proteins (Probable).

Cellular Location

Nucleus, nucleoplasm Mitochondrion matrix. Nucleus, nucleolus {ECO:0000250|UniProtKB:Q9JK81}

Tissue Location

Ubiquitously expressed, with highest levels in testis.

C12orf10 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C12orf10 Antibody (N-term) Blocking peptide - Images