

C12orf10 Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP11251a

Specification

C12orf10 Antibody (N-term) Blocking peptide - Product Information

Primary 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).

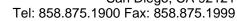
Cellular Location

Nucleus, nucleoplasm Mitochondrion matrix. Nucleus, nucleolus {ECO:0000250|UniProtKB:Q9|K81}

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