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UTP15 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9989a

Specification

UTP15 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8TED0

UTP15 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 84135

Other Names
U3 small nucleolar RNA-associated protein 15 homolog, UTP15

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.

UTP15 Antibody (C-term) Blocking Peptide - Protein Information

Name UTP15 (HGNC:25758)

Function
Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I (PubMed:17699751). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797).

Cellular Location
Nucleus, nucleolus. Note=Found predominantly at the fibrillar center.

UTP15 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

UTP15 Antibody (C-term) Blocking Peptide - Images

UTP15 Antibody (C-term) Blocking Peptide - Background

UTP15 involved in nucleolar processing of pre-18S ribosomal RNA.

UTP15 Antibody (C-term) Blocking Peptide - References

Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)