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UTP3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP19061b

Specification

UTP3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	Q9NQZ2

UTP3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 57050

Other Names
Something about silencing protein 10, Charged amino acid-rich leucine zipper 1, CRL1, Disrupter of silencing SAS10, UTP3 homolog, UTP3, CRLZ1, SAS10 {ECO:0000312|EMBL:AAF914081}

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.

UTP3 Antibody (C-term) Blocking Peptide - Protein Information

Name UTP3 (HGNC:24477)

Function
Essential for gene silencing: has a role in the structure of silenced chromatin. Plays a role in the developing brain (By similarity). 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.

UTP3 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

UTP3 Antibody (C-term) Blocking Peptide - Images

UTP3 Antibody (C-term) Blocking Peptide - Background

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UTP3 Antibody (C-term) Blocking Peptide - References

Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Lim, J.H., et al. J. Immunol. 177(8):5420-5429(2006)Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)