

UTP18 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9546c**Specification**

UTP18 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9Y5J1](#)**UTP18 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51096**Other Names**

U3 small nucleolar RNA-associated protein 18 homolog, WD repeat-containing protein 50, UTP18, WDR50

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.

UTP18 Antibody (Center) Blocking Peptide - Protein Information**Name** UTP18 ([HGNC:24274](#))**Synonyms** WDR50**Function**

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. Involved in nucleolar processing of pre-18S ribosomal RNA.

Cellular Location

Nucleus, nucleolus

UTP18 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UTP18 Antibody (Center) Blocking Peptide - Images

UTP18 Antibody (Center) Blocking Peptide - Background

UTP18 is involved in nucleolar processing of pre-18S ribosomal RNA (By similarity).

UTP18 Antibody (Center) Blocking Peptide - References

Ugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Isen, J.V., et al. Cell 127(3):635-648(2006) Isen, J.V., et al. Cell 127(3):635-648(2006) Leusoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006) Pousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006) Bernstein, K.A., et al. Eukaryotic Cell 3(6):1619-1626(2004)