

UBTF Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8572a**Specification**

UBTF Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P17480](#)**UBTF Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 7343**Other Names**

Nucleolar transcription factor 1, Autoantigen NOR-90, Upstream-binding factor 1, UBF-1, UBTF, UBF, UBF1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8572a](/products/AP8572a) was selected from the N-term region of human UBTF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

UBTF Antibody (N-term) Blocking Peptide - Protein Information**Name** UBTF**Synonyms** UBF, UBF1**Function**

Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I (Pol I) through cooperative interactions with the transcription factor SL1/TIF-IB complex. It binds specifically to the upstream control element and can activate Pol I promoter escape.

Cellular Location

Nucleus, nucleolus {ECO:0000250|UniProtKB:P25976}

UBTF Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UBTF Antibody (N-term) Blocking Peptide - Images

UBTF Antibody (N-term) Blocking Peptide - Background

UBF is a nucleolar phosphoprotein with both DNA binding and transactivation domains. Sequence-specific DNA binding to the core and upstream control elements of the human rRNA promoter is mediated through several HMG boxes.

UBTF Antibody (N-term) Blocking Peptide - References

Hempel,W.M., et.al., Mol. Cell. Biol. 16 (2), 557-563 (1996) Voit,R., et.al., Nucleic Acids Res. 23 (14), 2593-2599 (1995)