

TTF-1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12764a**Specification**

TTF-1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q15361](#)**TTF-1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 7270**Other Names**

Transcription termination factor 1, TTF-1, RNA polymerase I termination factor, Transcription termination factor I, TTF-I, TTF1

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.

TTF-1 Antibody (N-term) Blocking peptide - Protein Information**Name** TTF1**Function**

Multifunctional nucleolar protein that terminates ribosomal gene transcription, mediates replication fork arrest and regulates RNA polymerase I transcription on chromatin. Plays a dual role in rDNA regulation, being involved in both activation and silencing of rDNA transcription. Interaction with BAZ2A/TIP5 recovers DNA-binding activity.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q62187}. Nucleus, nucleolus {ECO:0000250|UniProtKB:Q62187}. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:Q62187}. Note=May be localized to the nucleolus in an NPM1/B23-dependent manner. May be displaced from the nucleolus into the nucleoplasm in an CDKN2A/ARF-dependent manner. May shuttle back and forth from nucleoplasm to nucleolus {ECO:0000250|UniProtKB:Q62187}

TTF-1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TTF-1 Antibody (N-term) Blocking peptide - Images

TTF-1 Antibody (N-term) Blocking peptide - Background

The TTF1 gene encodes a transcription termination factor that regulates ribosomal gene transcription (summarized by Green et al., 2010 [PubMed 20448178]).

TTF-1 Antibody (N-term) Blocking peptide - References

Montanelli, L., et al. Mol. Cell. Endocrinol. 322 (1-2), 64-71 (2010) :Lessard, F., et al. Mol. Cell 38(4):539-550(2010)Green, R.E., et al. Science 328(5979):710-722(2010)McCluggage, W.G., et al. Am. J. Surg. Pathol. 34(4):525-532(2010)Kreil, S., et al. Leuk. Res. 33 (9), E168-E169 (2009) :