

**GTF3A Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18680b****Specification**

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**GTF3A Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q92664](#)

**GTF3A Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 2971

**Other Names**

Transcription factor IIIA, TFIIIA, GTF3A

**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.

**GTF3A Antibody (C-term) Blocking Peptide - Protein Information**

**Name** GTF3A

**Function**

Involved in ribosomal large subunit biogenesis. Binds the approximately 50 base pairs internal control region (ICR) of 5S ribosomal RNA genes. It is required for their RNA polymerase III-dependent transcription and may also maintain the transcription of other genes (PubMed:<a href="http://www.uniprot.org/citations/24120868" target="\_blank">24120868</a>). Also binds the transcribed 5S RNA's (By similarity).

**Cellular Location**

Nucleus.

**Tissue Location**

Ubiquitous.

**GTF3A Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **GTF3A Antibody (C-term) Blocking Peptide - Images**

#### **GTF3A Antibody (C-term) Blocking Peptide - Background**

The product of this gene is a zinc finger protein with nine Cys[2]-His[2] zinc finger domains. It functions as an RNA polymerase III transcription factor to induce transcription of the 5S rRNA genes. The protein binds to a 50 bp internal promoter in the 5S genes called the internal control region (ICR), and nucleates formation of a stable preinitiation complex. This complex recruits the TFIIC and TFIIIB transcription factors and RNA polymerase III to form the complete transcription complex. The protein is thought to be translated using a non-AUG translation initiation site in mammals based on sequence analysis, protein homology, and the size of the purified protein. [provided by RefSeq].

#### **GTF3A Antibody (C-term) Blocking Peptide - References**

Wu, C., et al. Proteomics 7(11):1775-1785(2007) Newton-Cheh, C., et al. BMC Med. Genet. 8 SUPPL 1, S7 (2007) :Weser, S., et al. Nucleic Acids Res. 31(9):2408-2416(2003) Hanas, J.S., et al. Gene 282 (1-2), 43-52 (2002) :Moreland, R.J., et al. Nucleic Acids Res. 28(9):1986-1993(2000)