

GTF2A1L Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14377b**Specification**

GTF2A1L Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UNN4](#)**GTF2A1L Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 11036**Other Names**

TFIIA-alpha and beta-like factor, General transcription factor II A, 1-like factor, GTF2A1L, ALF, GTF2A1LF

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.

GTF2A1L Antibody (C-term) Blocking Peptide - Protein Information**Name** GTF2A1L**Synonyms** ALF, GTF2A1LF**Function**

May function as a testis specific transcription factor. Binds DNA in conjunction with GTF2A2 and TBP (the TATA-binding protein) and together with GTF2A2, allows mRNA transcription.

Cellular Location

Nucleus. Note=Mainly localizes in the annulus and partly in acrosomal cap area of spermatozoa

Tissue Location

Testis specific. Detected in adult testis mostly in round and elongating spermatids (at protein level). Detected in testis

GTF2A1L Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GTF2A1L Antibody (C-term) Blocking Peptide - Images

GTF2A1L Antibody (C-term) Blocking Peptide - Background

The assembly and stability of the RNA polymerase II transcription pre-initiation complex on a eukaryotic core promoter involve the effects of TFIIA on the interaction between TATA-binding protein (TBP) and DNA. This gene encodes a germ cell-specific counterpart of the large (alpha/beta) subunit of general transcription factor TFIIA that is able to stabilize the binding of TBP to DNA and may be uniquely important to testis biology. Alternative splicing for this locus has been observed and two variants, encoding distinct isoforms, have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.

GTF2A1L Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Kim, M., et al. J. Biol. Chem. 281(45):34288-34298(2006) Howe, M.L., et al. Stem Cells Dev. 15(2):175-190(2006) Huang, M., et al. Int. J. Mol. Med. 17(4):599-604(2006) Upadhyaya, A.B., et al. J. Biol. Chem. 277(37):34208-34216(2002)