

TAF7 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14686b**Specification**

TAF7 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q15545](#)**TAF7 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 6879**Other Names**

Transcription initiation factor TFIID subunit 7, RNA polymerase II TBP-associated factor subunit F, Transcription initiation factor TFIID 55 kDa subunit, TAF(II)55, TAFII-55, TAFII55, TAF7, TAF2F, TAFII55

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.

TAF7 Antibody (C-term) Blocking Peptide - Protein Information**Name** TAF7**Synonyms** TAF2F, TAFII55**Function**

The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed: [33795473](http://www.uniprot.org/citations/33795473)). TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) (PubMed: [33795473](http://www.uniprot.org/citations/33795473)). The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 (PubMed: [33795473](http://www.uniprot.org/citations/33795473), PubMed: [10438527](http://www.uniprot.org/citations/10438527)). TAF7 forms a promoter DNA binding subcomplex of TFIID, together with TAF1 and TAF2 (PubMed: [33795473](http://www.uniprot.org/citations/33795473)). Part of a TFIID complex containing TAF10 (TFIID alpha) and a TFIID complex lacking TAF10 (TFIID beta) (PubMed: [10438527](http://www.uniprot.org/citations/10438527)).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q9R1C0}.

Tissue Location

Ubiquitous.

TAF7 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TAF7 Antibody (C-term) Blocking Peptide - Images**TAF7 Antibody (C-term) Blocking Peptide - Background**

The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II.

TAF7 Antibody (C-term) Blocking Peptide - References

Gegonne, A., et al. Proc. Natl. Acad. Sci. U.S.A. 105(14):5367-5372(2008) Hartman, W.R., et al. Arch. Biochem. Biophys. 459(2):223-232(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Couture, J.F., et al. Nat. Struct. Mol. Biol. 13(2):140-146(2006)