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TAF3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9641a

Specification

TAF3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q5VWG9

TAF3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 83860

Other Names
Transcription initiation factor TFIID subunit 3, 140 kDa TATA box-binding protein-associated factor, TBP-associated factor 3, Transcription initiation factor TFIID 140 kDa subunit, TAF(II)140, TAF140, TAFII-140, TAFII140, TAF3

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.

TAF3 Antibody (C-term) Blocking Peptide - Protein Information

Name TAF3

Function
The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed: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). 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). The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C (PubMed:33795473). TAF3 forms the TFIID-A module together with TAF5 and TBP (PubMed:33795473). Required in complex with TBPL2 for the differentiation of myoblasts into myocytes (PubMed:11438666). The TAF3-TBPL2 complex replaces TFIID at specific promoters at an early stage in the differentiation process (PubMed:11438666).

Cellular Location
Nucleus.

TAF3 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TAF3 Antibody (C-term) Blocking Peptide - Images

TAF3 Antibody (C-term) Blocking Peptide - Background

The highly conserved RNA polymerase II transcription factor TFIID (see TAF1; MIM 313650) comprises the TATA box-binding protein (TBP; MIM 600075) and a set of TBP-associated factors (TAFs), including TAF3. TAFs contribute to promoter recognition and selectivity and act as antiapoptotic factors (Gangloff et al., 2001 [PubMed 11438666]).

TAF3 Antibody (C-term) Blocking Peptide - References

Trynka, G., et al. Gut 58(8):1078-1083(2009)Luke, M.M., et al. Stroke 40(2):363-368(2009)Shiffman, D., et al. Arterioscler. Thromb. Vasc. Biol. 28(1):173-179(2008)