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TAF9B Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14512a

Specification

TAF9B Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9HBM6

TAF9B Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 51616

Other Names
Transcription initiation factor TFIID subunit 9B, Neuronal cell death-related protein 7, DN-7, Transcription initiation factor TFIID subunit 9-like, Transcription-associated factor TAFII31L, TAF9B, TAF9L

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.

TAF9B Antibody (N-term) Blocking Peptide - Protein Information

Name TAF9B

Synonyms TAF9L

Function
Essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes. May have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription.

Cellular Location
Nucleus.

TAF9B Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TAF9B Antibody (N-term) Blocking Peptide - Images

TAF9B Antibody (N-term) Blocking Peptide - Background

Initiation of transcription by RNA polymerase II requiresthe activities of more than 70 polypeptides. The protein thatcoordinates these activities is transcription factor IID (TFIID),which binds to the core promoter to position the polymeraseproperly, serves as the scaffold for assembly of the remainder ofthe transcription complex, and acts as a channel for regulatorysignals. TFIID is composed of the TATA-binding protein (TBP) and agroup of evolutionarily conserved proteins known as TBP-associatedfactors or TAFs. TAFs may participate in basal transcription, serveas coactivators, function in promoter recognition or modify generaltranscription factors (GTFs) to facilitate complex assembly andtranscription initiation. This gene encodes a protein that issimilar to one of the small subunits of TFIID, TBP-associatedfactor 9, and is also a subunit of TFIID. TAF9 and TAF9b share somefunctions but also have distinct roles in the transcriptionalregulatory process.

TAF9B Antibody (N-term) Blocking Peptide - References

Frontini, M., et al. Mol. Cell. Biol. 25(11):4638-4649(2005)Ross, M.T., et al. Nature 434(7031):325-337(2005)Chen, Z., et al. J. Biol. Chem. 278(37):35172-35183(2003)Albright, S.R., et al. Gene 242 (1-2), 1-13 (2000) :Lu, H., et al. Proc. Natl. Acad. Sci. U.S.A. 92(11):5154-5158(1995)