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TAF9B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14512a

Specification

TAF9B Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9HBM6
Other Accession	NP_057059.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**27622**
Antigen Region	**44-72**

TAF9B Antibody (N-term) - 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

Target/Specificity
This TAF9B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-72 amino acids from the N-terminal region of human TAF9B.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TAF9B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TAF9B Antibody (N-term) - 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.

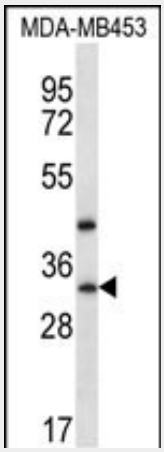
Cellular Location
Nucleus.

TAF9B Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TAF9B Antibody (N-term) - Images



TAF9B Antibody (N-term) (Cat. #AP14512a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the TAF9B antibody detected the TAF9B protein (arrow).

TAF9B Antibody (N-term) - Background

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated

factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a protein that is similar to one of the small subunits of TFIID, TBP-associated factor 9, and is also a subunit of TFIID. TAF9 and TAF9b share some functions but also have distinct roles in the transcriptional regulatory process.

TAF9B Antibody (N-term) - References

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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)