

**TAF11 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19984a****Specification**

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**TAF11 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q15544</a>
Other Accession	<a href="#">NP_005634.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23307
Antigen Region	1-30

**TAF11 Antibody (N-term) - Additional Information****Gene ID** 6882**Other Names**

Transcription initiation factor TFIID subunit 11, TFIID subunit p30-beta, Transcription initiation factor TFIID 28 kDa subunit, TAF(II)28, TAFII-28, TAFII28, TAF11, TAF2I

**Target/Specificity**

This TAF11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TAF11.

**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**

TAF11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TAF11 Antibody (N-term) - Protein Information****Name** TAF11**Synonyms** TAF2I

**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](#)). TAF11, together with TAF13 and TBP, play key roles during promoter binding by the TFIID and TFIIA transcription factor complexes (PubMed:[33795473](#)).

#### **Cellular Location**

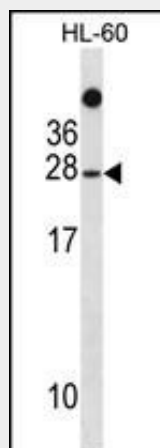
Nucleus.

#### **TAF11 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 Cytometry](#)
- [Cell Culture](#)

#### **TAF11 Antibody (N-term) - Images**



TAF11 Antibody (N-term) (Cat. #AP19984a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TAF11 antibody detected the TAF11 protein (arrow).

#### **TAF11 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 small subunit of TFIID that is present in all TFIID complexes and interacts with TBP. This subunit also interacts with another small subunit, TAF13, to form a heterodimer with a structure similar to the histone core structure.

#### **TAF11 Antibody (N-term) - References**

Matsuoka, S., et al. Science 316(5828):1160-1166(2007)  
Mungall, A.J., et al. Nature 425(6960):805-811(2003)  
Guermah, M., et al. Mol. Cell 12(4):991-1001(2003)  
Mengus, G., et al. J. Biol. Chem. 275(14):10064-10071(2000)  
Birck, C., et al. Cell 94(2):239-249(1998)