

TAF II p100 Polyclonal Antibody
Catalog # AP72709**Specification****TAF II p100 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q15542
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

TAF II p100 Polyclonal Antibody - Additional Information**Gene ID** 6877**Other Names**

TAF5; TAF2D; Transcription initiation factor TFIID subunit 5; Transcription initiation factor TFIID 100 kDa subunit; TAF(II)100; TAFII-100; TAFII100

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TAF II p100 Polyclonal Antibody - Protein Information**Name** TAF5**Synonyms** TAF2D**Function**

The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed:<<http://www.uniprot.org/citations/33795473>>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:<<http://www.uniprot.org/citations/33795473>>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:<<http://www.uniprot.org/citations/33795473>>33795473, PubMed:<<http://www.uniprot.org/citations/8758937>>8758937, PubMed:<<http://www.uniprot.org/citations/8942982>>8942982, PubMed:<<http://www.uniprot.org/citations/9045704>>9045704). The TFIID complex structure can be divided into 3 modules

TFIID-A, TFIID-B, and TFIID-C (PubMed:33795473). TAF5 is involved in two modules of TFIID, in TFIID-A together with TAF3 and TBP, and in TFIID-B with TAF8 (PubMed:33795473). Involved in contacts between TFIID and TFIIF in the PIC (PubMed:33795473).

Cellular Location

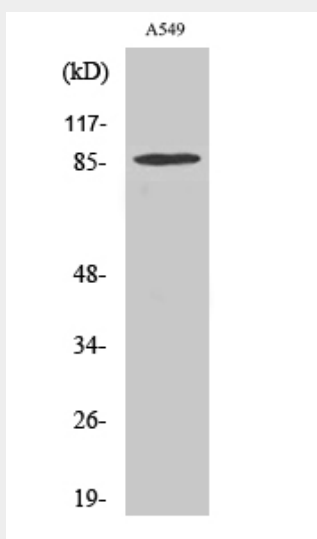
Nucleus.

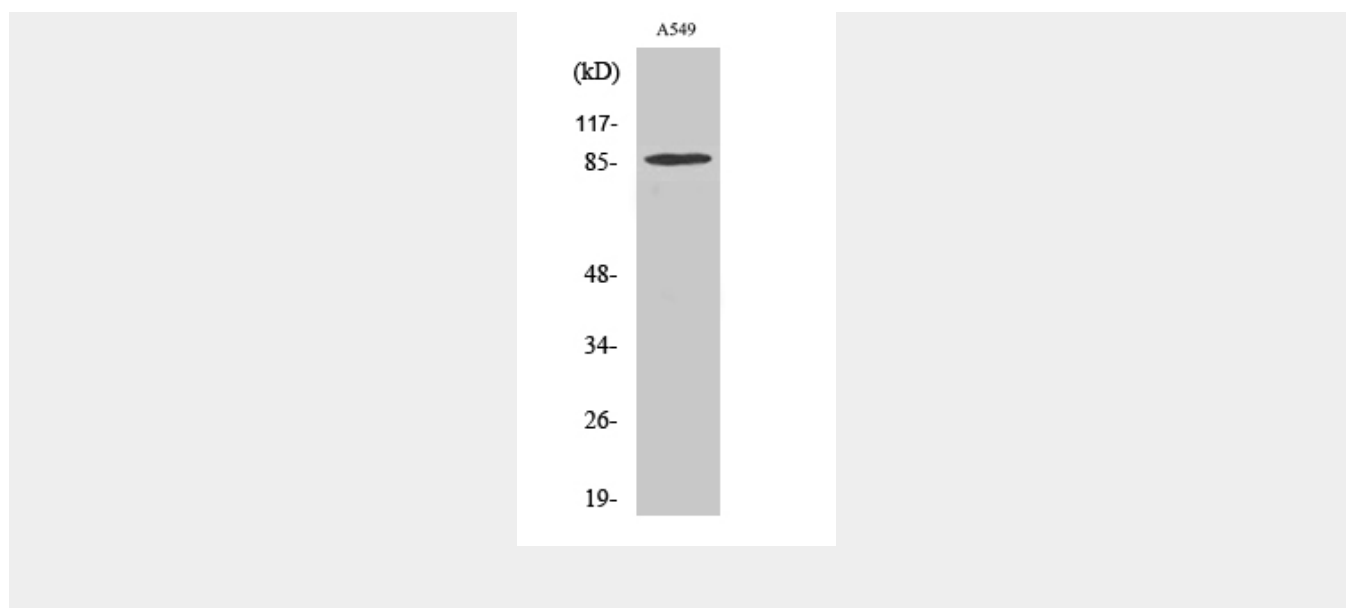
TAF II p100 Polyclonal Antibody - Protocols

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](#)

TAF II p100 Polyclonal Antibody - Images





TAF II p100 Polyclonal Antibody - Background

TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TAFs components-TIIFD are essential for mediating regulation of RNA polymerase transcription. TAF5/TAFII100 interacts strongly with the histone H4-related TAF6/TAFII80 and the histone H3-related TAF9/TAFII31, as well as a stable complex comprised of both TAF5/TAFII80 and TAF6/TAFII31. Apparently weaker interactions of TAF5/TAFII100 with TBP, TAF1/TAFII250, TAF11/TAFII28, and TAF12/TAFII20, but not TAF7/TAFII55, also have been observed.