

TAF7 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI16267

Specification

TAF7 antibody - middle region - Product Information

Application	WB
Primary Accession	Q15545
Other Accession	NM_005642 , NP_005633
Reactivity	Human, Mouse, Rat, Pig, Bovine, Guinea Pig
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

TAF7 antibody - middle region - Additional Information

Gene ID 6879

Alias Symbol TAF2F, TAFII55

Other Names

Transcription initiation factor TFIID subunit 7, RNA polymerase II TBP-associated factor subunit F, Transcription initiation factor TFIID 55 kDa subunit, TAF(II)55, TAFII-55, TAFII55, TAF7, TAF2F, TAFII55

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TAF7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

TAF7 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

TAF7 antibody - middle region - Protein Information

Name TAF7

Synonyms TAF2F, TAFII55

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> target="_blank">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:10438527, PubMed:33795473). TAF7 forms a promoter DNA binding subcomplex of TFIID, together with TAF1 and TAF2 (PubMed:33795473). Part of a TFIID complex containing TAF10 (TFIID alpha) and a TFIID complex lacking TAF10 (TFIID beta) (PubMed:10438527).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q9R1C0}.

Tissue Location

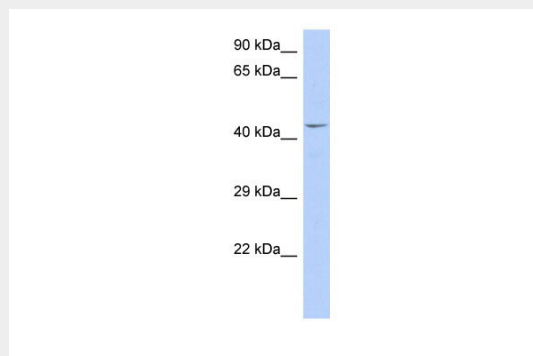
Ubiquitous.

TAF7 antibody - middle region - 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](#)

TAF7 antibody - middle region - Images



WB Suggested Anti-TAF7 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: DU145 cell lysate

TAF7 antibody - middle region - Background

Functions as a component of the DNA-binding general transcription factor complex TFIID, a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Present in both of the previously described TFIID species which either

lack or contain TAFII30 (TFIID alpha and TFIID beta respectively).

TAF7 antibody - middle region - References

Lavigne A.C.,et al.J. Biol. Chem. 271:19774-19780(1996).

Chiang C.-M.,et al.Science 267:531-536(1995).

Zhou T.,et al.J. Biol. Chem. 276:25503-25511(2001).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.