10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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: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, PubMed:10438527). 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}.

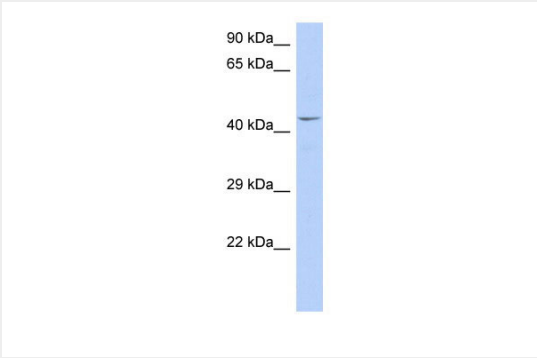
Tissue Location
Ubiquitous.

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 Cytomety
- 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.