

**TAF4 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10506****Specification****TAF4 antibody - middle region - Product Information**

Application	<b>WB, CHIP</b>
Primary Accession	<a href="#">O00268</a>
Other Accession	<a href="#">NM_003185</a> , <a href="#">NP_003176</a>
Reactivity	<b>Human, Mouse, Pig, Horse, Bovine, Dog</b>
Predicted	<b>Human, Mouse, Pig, Chicken, Bovine, Guinea Pig, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>110kDa KDa</b>

**TAF4 antibody - middle region - Additional Information****Gene ID 6874**

Alias Symbol **FLJ41943, TAF2C, TAF2C1, TAF4A, TAFII130, TAFII135**

**Other Names**

Transcription initiation factor TFIID subunit 4, RNA polymerase II TBP-associated factor subunit C, TBP-associated factor 4, Transcription initiation factor TFIID 130 kDa subunit, TAF(II)130, TAFII-130, TAFII130, Transcription initiation factor TFIID 135 kDa subunit, TAF(II)135, TAFII-135, TAFII135, TAF4, TAF2C, TAF2C1, TAF4A, TAFII130, TAFII135

**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-TAF4 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**

TAF4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**TAF4 antibody - middle region - Protein Information**

**Name** TAF4

**Synonyms** TAF2C, TAF2C1, TAF4A, TAFII130, TAFII135

**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</a>). 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:<a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). 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:<a href="http://www.uniprot.org/citations/10594036" target="\_blank">10594036</a>, PubMed:<a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>, PubMed:<a href="http://www.uniprot.org/citations/8942982" target="\_blank">8942982</a>). TAF4 may maintain an association between the TFIID and TFIIA complexes, while bound to the promoter, together with TBP, during PIC assembly (PubMed:<a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). Potentiates transcriptional activation by the AF-2S of the retinoic acid, vitamin D3 and thyroid hormone (PubMed:<a href="http://www.uniprot.org/citations/9192867" target="\_blank">9192867</a>).

### Cellular Location

Nucleus.

### TAF4 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](#)

