

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

Application	WB, CHIP
Primary Accession	O00268
Other Accession	NM_003185 , NP_003176
Reactivity	Human, Mouse, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Pig, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110kDa KDa

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

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

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:10594036, PubMed:33795473, PubMed:8942982). TAF4 may maintain an association between the TFIID and TFIIA complexes, while bound to the promoter, together with TBP, during PIC assembly (PubMed:33795473). Potentiates transcriptional activation by the AF-25 of the retinoic acid, vitamin D3 and thyroid hormone (PubMed:9192867).

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](#)

