

# TAF4 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10506

## Product Information

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<b>Application</b>	WB, CHIP
<b>Primary Accession</b>	<a href="#">O00268</a>
<b>Other Accession</b>	<a href="#">NM_003185</a> , <a href="#">NP_003176</a>
<b>Reactivity</b>	Human, Mouse, Pig, Dog, Bovine
<b>Predicted</b>	Human, Mouse, Pig, Chicken, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	110114

## Additional Information

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<b>Gene ID</b>	6874
<b>Alias Symbol</b>	FLJ41943, TAF2C, TAF2C1, TAF4A, TAFII130, TAFII135
<b>Other Names</b>	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
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	TAF4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TAF4
<b>Synonyms</b>	TAF2C, TAF2C1, TAF4A, TAFII130, TAFII135
<b>Function</b>	The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed: <a href="#">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="#">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:[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-2S of the retinoic acid, vitamin D3 and thyroid hormone (PubMed:[9192867](#)).

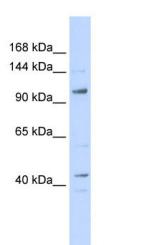
## Cellular Location

Nucleus.

## References

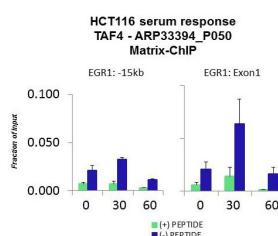
Liu,W.L., (2008) Mol. Cell 29 (1), 81-91 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images



WB Suggested Anti-TAF4 Antibody Titration: .2-1 ug/ml  
ELISA Titer: 1:3125  
Positive Control: 293T cell lysate

TAF4 is supported by BioGPS gene expression data to be expressed in HEK293T



Quiescent human colon carcinoma HCT116 cultures were treated with 1% FBS for three time points (, 15, 3min) or (, 3, 6min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.