



## Rabbit Anti-TAF6 antibody

SL12967R

<b>Product Name:</b>	TAF6
<b>Chinese Name:</b>	转录起始因子TFIID亚基6抗体
<b>Alias:</b>	E 70/85kD; TAF 6; TAF2E; TAF6 RNA polymerase II TATA box binding protein (TBP) associated factor 80 kD; TAF6 RNA polymerase II, TATA box binding protein associated factor,80kDa; TAFII 70; TAFII80; TATA box binding protein (TBP) associated factor RNA polymerase II E 70/85kD; TATA box binding protein (TBP) associated factor, RNA polymerase II.; TBP associated factor 6; Transcription initiation factor TFIID 70 kDa subunit; Transcription initiation factor TFIID subunit 6.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	73kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TAF6:111-210/677
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID

(TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

**Function:**

TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TFIID is multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors.

**Subunit:**

TFIID and PCAF are composed of TATA binding protein (TBP) and a number of TBP-associated factors (TAFs). TBP is not part of TFTC. Interacts directly with TBP, TAF1/TAFII250, TAF9/TAFII31 AND TAF12/TAFII20. The TAF6/TAFII70-TAF9/TAFII31 heterodimer forms an octamer complex with the TAF4B/TFII105-TAF12/TFIID20 heterodimer. Component of some MLL1/MLL complex, at least composed of the core components KMT2A/MLL1, ASH2L, HCFC1/HCF1, WDR5 and RBBP5, as well as the facultative components BAP18, CHD8, E2F6, HSP70, INO80C, KANSL1, LAS1L, MAX, MCRC1, MGA, MYST1/MOF, PELP1, PHF20, PRP31, RING2, RUVB1/TIP49A, RUVB2/TIP49B, SENP3, TAF1, TAF4, TAF6, TAF7, TAF9 and TEX10. Also interacts with the GTFs, TFIIEalpha/GTF2E1 and TFIIFalpha/GTF2F1. Component of the TFTC-HAT complex.

**Subcellular Location:**

Nuclear.

**Similarity:**

Belongs to the TAF6 family.

**SWISS:**

P49848

**Gene ID:**

6878

**Database links:**

[Entrez Gene: 505638](#) Cow

[Entrez Gene: 6878](#) Human

[Entrez Gene: 21343](#) Mouse

[Entrez Gene: 288533](#) Rat

[Entrez Gene: 447818](#) Zebrafish

[Omim: 602955](#) Human

[SwissProt: Q58DG7](#) Cow

[SwissProt: P49848](#) Human

[SwissProt: Q62311](#) Mouse

[SwissProt: Q498R0](#) Rat

[SwissProt: Q63801](#) Rat

[Unigene: 489309](#) Human

**Important Note:**

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