



# TAF II p135/p105 Polyclonal Antibody

<b>Catalog No</b>	BYab-02067
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	TAF4/TAF4B
<b>Protein Name</b>	Transcription initiation factor TFIID subunit 4/Transcription initiation factor TFIID subunit 4B
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TAF4. AA range:941-990
<b>Specificity</b>	TAF II p135/p105 Polyclonal Antibody detects endogenous levels of TAF II p135/p105 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TAF4; TAF2C; TAF2C1; TAF4A; TAFII130; TAFII135; 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;
<b>Observed Band</b>	110kD
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	
<b>Function</b>	function:Makes part of TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Potentiates transcriptional activation by the AF-2S of the retinoic acid, vitamin D3 and thyroid hormone.,similarity:Belongs to the TAF4 family.,similarity:Contains 1 TAFH (NHR1) domain.,subunit:TFIID is composed of TATA binding protein (TBP) and a number of TBP-associated factors (TAFs). Component of the TFIIIC-HAT complex, at least composed of TAF5L, TAF6L, TADA3L, SUPT3H, TAF2, TAF4,

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TAF5, GCN5L2/GCN5, TAF10 and TRRAP. Interacts with SV40 Large T antigen.,

**Background**

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 larger subunits of TFIID that has been shown to potentiate transcriptional activation by retinoic acid, thyroid hormone and

**matters needing attention**

Avoid repeated freezing and thawing!

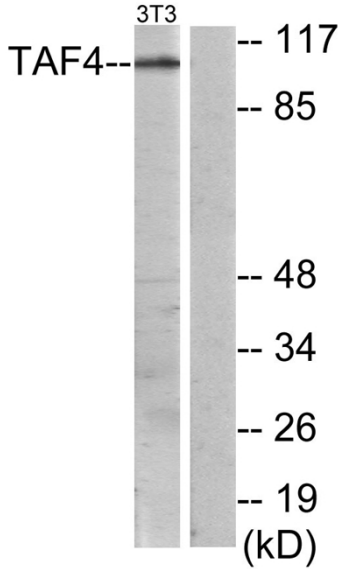
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

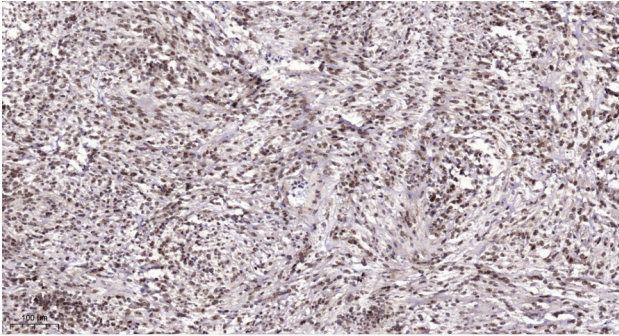
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## Products Images



Western blot analysis of lysates from NIH/3T3 cells, using TAF4 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).