



TAF II p135/p105 Polyclonal Antibody

Catalog No	YP-Ab-02067
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	TAF4/TAF4B
Immunogen	The antiserum was produced against synthesized peptide derived from human TAF4. AA range:941-990
Specificity	TAF II p135/p105 Polyclonal Antibody detects endogenous levels of TAF II p135/p105 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TAF II p135/p105;TAF4/TAF4B;Transcription initiation factor TFIID subunit 4/Transcription initiation factor TFIID subunit 4B;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
Observed Band	110kD
Calculated Molecular Weight	110kD
Cell Pathway	Nucleus.
Tissue Specificity	
Function	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 TFTC-HAT complex, at least composed of TAF5L, TAF6L,



TADA3L, SUPT3H, TAF2, TAF4, 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

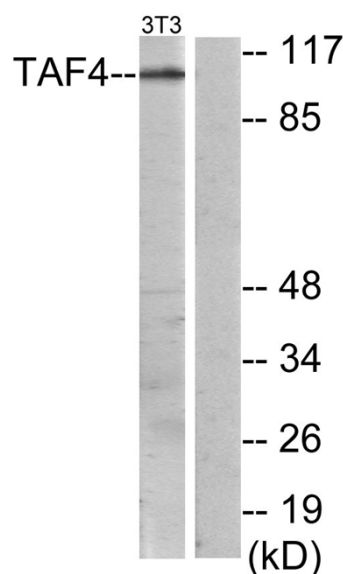
matters needing attention

Avoid repeated freezing and thawing!

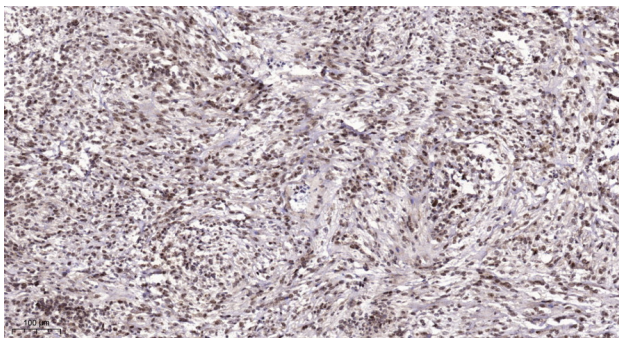
Usage suggestions

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

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).