Product Name: TAF II p135/p105 Rabbit Polyclonal Antibody
Catalog #: APRab18608

Summary

Production Name	TAF II p135/p105 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TAF4/TAF4B
Alternative Names	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;
Gene ID	6874/6875
SwissProt ID	O00268/Q92750.The antiserum was produced against synthesized peptide derived from human TAF4. AA range:941-990

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:20000.
Molecular Weight	110kD

Product Name: TAF II p135/p105 Rabbit Polyclonal Antibody
Catalog #: APRab18608

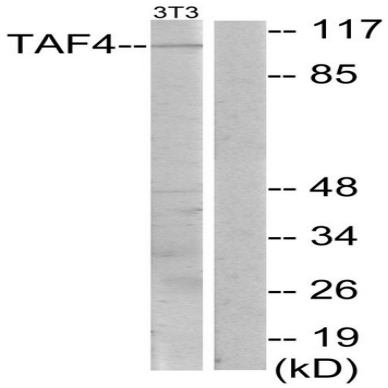
Background

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 andfunction: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.,

Research Area

Basal transcription factors;Huntington's disease;

Image Data



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

Note

For research use only.