

TAF II p100 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08790
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TAF5. AA range:381-430
Mol wt	86830
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	TAF II p100 Antibody
Synonyms	TAF5; TAF2D; Transcription initiation factor TFIID subunit 5; Transcription initiation factor TFIID 100 kDa subunit; TAF(II)100; TAFII-100; TAFIII100

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. Transcription initiation factor TFIID subunit 5 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. TAF5 encodes an integral subunit of TFIID associated with all transcriptionally competent forms of that complex. This subunit interacts strongly with two TFIID subunits that show similarity to histones H3 and H4, and it may participate in forming a nucleosome-like core in the TFIID complex. Alternative splicing results in multiple transcript variants.

Recommended Dilution

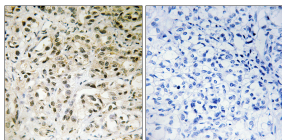
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

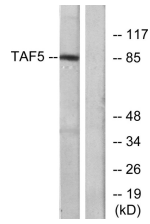
Images



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using TAF5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using TAF II p100 Polyclonal Antibody



Western blot analysis of lysates from A549 cells, using TAF5 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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