

Immunotag™ TAF II p100 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4526
Product Description	Immunotag™ TAF II p100 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TAF II p100
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human TAF5. AA range:381-430
Specificity	TAF II p100 Polyclonal Antibody detects endogenous levels of TAF II p100 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TAF5
Accession No.	Q15542 Q8C092
Alternate Names	TAF5; TAF2D; Transcription initiation factor TFIID subunit 5; Transcription initiation factor TFIID 100 kDa subunit; TAF(II)100; TAFII-100; TAFII100

Antibody Specification

Description	TATA-box binding protein associated factor 5(TAF5) Homo sapiens 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 an integral subunit of TFIID associated with all transcriptionally competent forms of that complex. This subunit interacts strongly wi
Cell Pathway/ Category	Basal transcription factors,
Protein Expression	Brain,Cervix carcinoma,Prostate,Testis,
Subcellular Localization	nuclear chromatin,nucleus,nucleoplasm,transcription factor TFIID complex,nucleolus,actin cytoskeleton,transcription factor TFTC complex,intracellular membrane-bounded organelle,
Protein Function	domain:Distinct domains of TAF5/TAFII100 are required for functional interaction with transcription factor TFIIFB (RAP30) and incorporation into the TFIID complex.,function:TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TAFs components-TIIFD are essential for mediating regulation of RNA polymerase transcription. TAF5/TAFII100 interacts strongly with the histone H4-related TAF6/TAFII80 and the histone H3-related TAF9/TAFII31, as well as a stable complex comprised of both TAF5/TAFII80 and TAF6/TAFII31. Apparently weaker interactions of TAF5/TAFII100 with TBP, TAF1/TAFII250, TAF11/TAFII28, and TAF12/TAFII20, but not TAF7/TAFII55, also have been observed.,similarity:Belongs to the WD repeat TAF5 family.,similarity:Contains 1 LisH domain.,similarity:Contains 6 WD repeats.,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. Component of the TFTC-HAT complex, at least composed of TAF5L, TAF6L, TADA3L, SUPT3H/SPT3, TAF2/TAFII150, TAF4/TAFII135, TAF5/TAFII100, GCN5L2/GCN5, TAF10 and TRRAP. Interacts with SV40 Large T antigen.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.