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Immunotag™ TAF10 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN0107
Product Description	Immunotag™ TAF10 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	TAF10
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 130-210
Specificity	TAF10 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TAF10 TAF2A TAF2H TAFII30
Accession No.	Q12962 Q8K0H5

Antibody Specification

Description	TATA-box binding protein associated factor 10(TAF10) 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 one of the small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have sh
Cell Pathway/ Category	Basal transcription factors,
Protein Expression	Kidney,Liver,Placenta,
Subcellular Localization	PCAF complex,nucleus,nucleoplasm,transcription factor TFIID complex,cytoplasm,STAGA complex,transcription factor TFTC complex,perinuclear region of cytoplasm,
Protein Function	domain:The [KR]-[STA]-K motif is specifically recognized by the SETD7 methyltransferase.,function:TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TIIFD is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors.,PTM:Monomethylated at Lys-189 by SETD7, leading to increase its affinity for RNA polymerase II.,similarity:Belongs to the TAF10 family.,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 PCAF complex, at least composed of TADA2L/ADA2, TADA3L/ADA3, SUPT3H, TAF5L TAF6L, TAF9, TAF10, TAF12 and TRRAP. Component of the TFTC-HAT complex, at least composed of TAF5L, TAF6L, TADA3L, SUPT3H, TAF2, TAF4, TAF5, GCN5L2/GCN5, TAF10 and TRRAP. Component of the STAGA transcription coactivator-HAT complex, at least composed of SUPT3H, GCN5L2, TAF5L, TAF6L, SUPT7L, TADA3L, TAD1L, TAF10, TAF12, TRRAP and TAF9. The STAGA core complex is associated with a subcomplex required for histone deubiquitinylation composed of ATXN7L3, ENY2 and USP22. Interacts with TAF3.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.