

TAF5L Polyclonal Antibody

Catalog No :	YT4531
Reactivity :	Human;Monkey
Applications :	WB;IHC;IF;ELISA
Target :	TAF5L
Fields :	>>Basal transcription factors
Gene Name :	TAF5L
Protein Name :	TAF5-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 5L
Human Gene Id :	27097
Human Swiss Prot No :	O75529
Mouse Swiss Prot No :	Q91WQ5
Immunogen :	The antiserum was produced against synthesized peptide derived from human TAF5L. AA range:291-340
Specificity :	TAF5L Polyclonal Antibody detects endogenous levels of TAF5L protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 66kD

Cell Pathway : Basal transcription factors;

Background : The product of this gene belongs to the WD-repeat TAF5 family of proteins. This gene encodes a protein that is a component of the PCAF histone acetylase complex. The PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors to facilitate complex assembly and transcription initiation. The encoded protein is structurally similar to one of the histone-like TAFs, TAF5. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

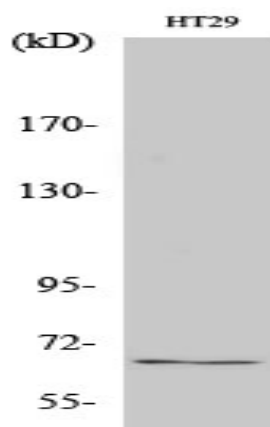
Function : function:Functions as a component of the PCAF complex. The PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. The PCAF complex could be considered as the human version of the yeast SAGA complex.,similarity:Belongs to the WD repeat TAF5 family.,similarity:Contains 6 WD repeats.,subunit:The PCAF complex is composed of a number of TBP-associated factors (TAFs), such as TAF5, TAF5L, TAF6, TAF6L, TAF9, TAF10 and TAF12, PCAF, and also PCAF-associated factors (PAFs), such as TADA2L/ADA2, TADA3L/ADA3 and SPT3. Component of the STAGA transcription coactivator-HAT complex, at least composed of SUPT3H, GCN5L2, TAF5L, TAF6L, SUPT7L, TADA3L, TAD1L, TAF10, TAF12, TRRAP and TAF9.,

Subcellular Location : Nucleus .

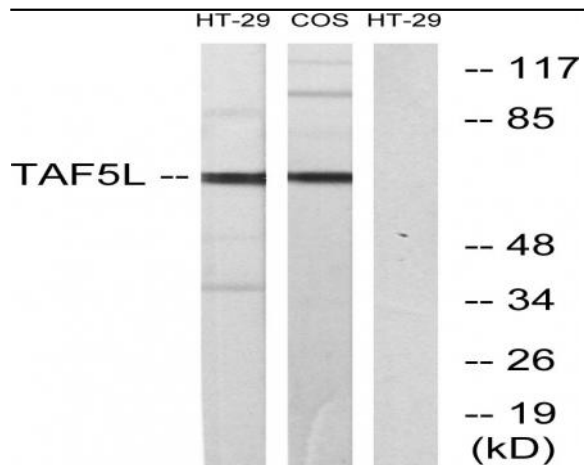
Location :

Expression : Brain, Eye,

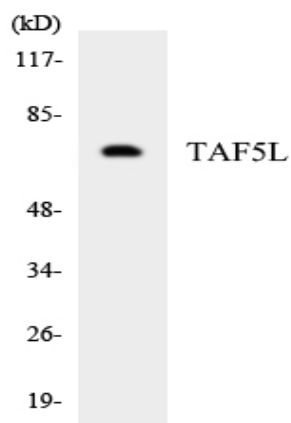
Products Images



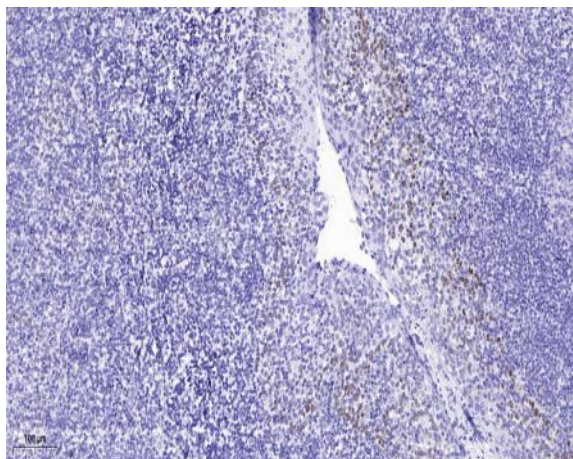
Western Blot analysis of various cells using TAF5L Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from HT-29 and COS7 cells, using TAF5L Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using TAF5L antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 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).