

PAF65 α rabbit pAb**Cat#: orb766016 (Manual)**

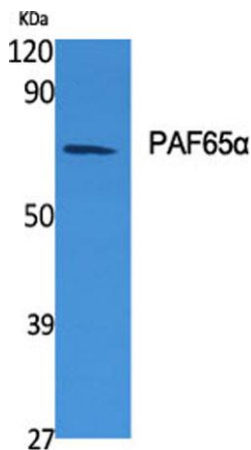
For research use only. Not intended for diagnostic use.

Product Name	PAF65 α rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TAF6L. AA range:31-80
Specificity	PAF65 α Polyclonal Antibody detects endogenous levels of PAF65 α protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L
Gene Name	TAF6L
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

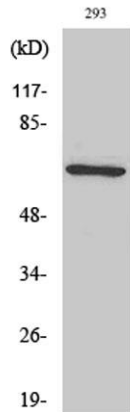
Concentration	1 mg/ml
Observed band	68kD
Human Gene ID	10629
Human Swiss-Prot Number	Q9Y6J9
Alternative Names	TAF6L; PAF65A; TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L; PCAF-associated factor 65-alpha; PAF65-alpha

Background

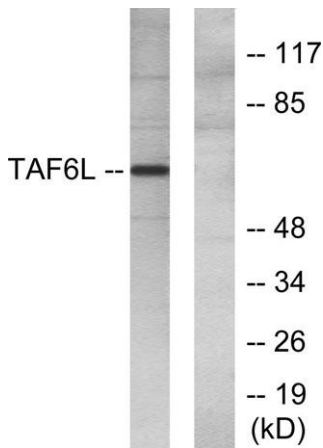
Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder 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 a protein that is a component of the PCAF histone acetylase complex and structurally similar to one of the histone-like TAFs,



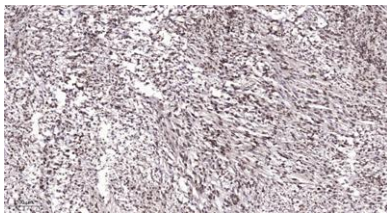
Western Blot analysis of various cells using PAF65α Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute™ Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western Blot analysis of 293 cells using PAF65 α Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by MinuteTM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).



Western blot analysis of lysates from 293 cells, using TAF6L Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4 $^{\circ}$ overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).