

TAF6L Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19199a

Specification

TAF6L Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y6J9
Other Accession	NP_006464.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	67814
Antigen Region	77-103

TAF6L Antibody (N-term) - Additional Information

Gene ID 10629

Other Names

TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L, PCAF-associated factor 65-alpha, PAF65-alpha, TAF6L, PAF65A

Target/Specificity

This TAF6L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77-103 amino acids from the N-terminal region of human TAF6L.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TAF6L Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TAF6L Antibody (N-term) - Protein Information

Name TAF6L ([HGNC:17305](#))

Synonyms PAF65A

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 (Probable). With TAF5L, acts as an epigenetic regulator essential for somatic reprogramming. Regulates target genes through H3K9ac deposition and MYC recruitment which trigger MYC regulatory network to orchestrate gene expression programs to control embryonic stem cell state. Functions with MYC to activate target gene expression through RNA polymerase II pause release (By similarity).

Cellular Location

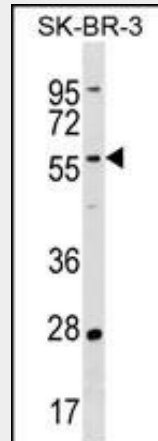
Nucleus

TAF6L Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TAF6L Antibody (N-term) - Images



TAF6L Antibody (N-term) (Cat. #AP19199a) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the TAF6L antibody detected the TAF6L protein (arrow).

TAF6L Antibody (N-term) - 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, TAF6. 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.

TAF6L Antibody (N-term) - References

- Clarke, D.L., et al. J. Immunol. 181(5):3503-3514(2008)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Lim, J., et al. Cell 125(4):801-814(2006)
Pitkanen, J., et al. Biochem. Biophys. Res. Commun. 333(3):944-953(2005)
Cavusoglu, N., et al. Proteomics 3(2):217-223(2003)