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TAF6L Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP19199a

Specification

TAF6L Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9Y6J9

TAF6L Antibody (N-term) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TAF6L Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- Blocking Peptides

TAF6L Antibody (N-term) Blocking Peptide - Images

TAF6L Antibody (N-term) Blocking Peptide - Background

Initiation of transcription by RNA polymerase II requiresthe activities of more than 70 polypeptides. The protein thatcoordinates these activities is transcription factor IID (TFIID),which binds to the core promoter to position the polymeraseproperly, serves as the scaffold for assembly of the remainder ofthe transcription complex, and acts as a channel for regulatorysignals. TFIID is composed of the TATA-binding protein (TBP) and agroup of evolutionarily conserved proteins known as TBP-associatedfactors or TAFs. TAFs may participate in basal transcription, serveas coactivators, function in promoter recognition or modify generaltranscription factors (GTFs) to facilitate complex assembly andtranscription initiation. This gene encodes a protein that is acomponent of the PCAF histone acetylase complex and structurallysimilar to one of the histone-like TAFs, TAF6. The PCAF histoneacetylase complex, which is composed of more than 20 polypeptidessome of which are TAFs, is required for myogenic transcription anddifferentiation.

TAF6L Antibody (N-term) Blocking Peptide - 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)