

TAF1A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16145A

Specification

TAF1A Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q15573
Other Accession	NP_647603.1 , NP_005672.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52676
Antigen Region	68-97

TAF1A Antibody (N-term) - Additional Information

Gene ID 9015

Other Names

TATA box-binding protein-associated factor RNA polymerase I subunit A, RNA polymerase I-specific TBP-associated factor 48 kDa, TAFI48, TATA box-binding protein-associated factor 1A, TBP-associated factor 1A, Transcription factor SL1, Transcription initiation factor SL1/TIF-IB subunit A, TAF1A

Target/Specificity

This TAF1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-97 amino acids from the N-terminal region of human TAF1A.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

TAF1A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TAF1A Antibody (N-term) - Protein Information

Name TAF1A

Function Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (pre-initiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits.

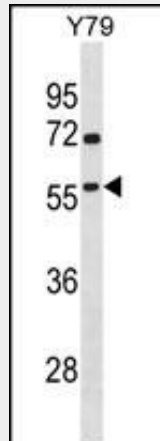
Cellular Location

Nucleus, nucleolus

TAF1A 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](#)

TAF1A Antibody (N-term) - Images

TAF1A Antibody (N-term) (Cat. #AP16145a) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the TAF1A antibody detected the TAF1A protein (arrow).

TAF1A Antibody (N-term) - Background

Initiation of transcription by RNA polymerase I requires the formation of a complex composed of the TATA-binding protein (TBP) and three TBP-associated factors (TAFs) specific for RNA polymerase I. This complex, known as SL1, binds to the core promoter of ribosomal RNA genes to position the polymerase properly and acts as a channel for regulatory signals. This gene encodes the smallest SL1-specific TAF. Two transcripts encoding different isoforms have been identified.

TAF1A Antibody (N-term) - References

Greco-Stewart, V.S., et al. Virology 386(1):12-15(2009)
Yamamoto, K., et al. Mol. Cell. Biol. 24(14):6338-6349(2004)
Dynes, J.L., et al. J. Biochem. 135(3):429-438(2004)
Hirschler-Laszkiewicz, I., et al. J. Biol. Chem. 278(21):18953-18959(2003)
Yuan, X., et al. EMBO Rep. 3(11):1082-1087(2002)