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TAF1C antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14221

Product Information

Application	WB
Primary Accession	Q15572
Other Accession	NM_005679, NP_005670
Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95213

Additional Information

Gene ID	9013
Alias Symbol	MGC:39976, SL1, TAFI110, TAFI95
Other Names	TATA box-binding protein-associated factor RNA polymerase I subunit C, RNA polymerase I-specific TBP-associated factor 110 kDa, TAFI110, TATA box-binding protein-associated factor 1C, TBP-associated factor 1C, Transcription initiation factor SL1/TIF-IB subunit C, TAF1C
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TAF1C antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TAF1C antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

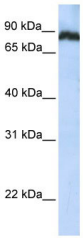
Name	TAF1C
Function	Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (pre-initiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with 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. Recruits RNA polymerase I to the rRNA gene promoter via interaction with RRN3.

Cellular Location Nucleus, nucleolus

References

Comai L.,et al.Science 266:1966-1972(1994).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Martin J.,et al.Nature 432:988-994(2004).
Zhai W.,et al.Mol. Cell. Biol. 20:5930-5938(2000).

Images



WB Suggested Anti-TAF1C Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate
TAF1C is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells