

TAF1A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55015

Specification

TAF1A Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

O15573
Rat
Rabbit
Polyclonal
S3 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human TAF1A

Epitope Specificity 21-120/450

lsotype IgG

Purity
affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Nucleus

SUBUNIT Component of the transcription factor SL1/TIF-IB complex, composed of TBP and

at least TAF1A, TAF1B, TAF1C and TAF1D. In the complex interacts directly with TBP, TAF1A and TAF1B. Interaction of the SL1/TIF-IB subunits with TBP excludes interaction of TBP with the transcription factor IID (TFIID) subunits. Interacts with

UBFT.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

This gene encodes a subunit of the RNA polymerase I complex, Selectivity Factor I (SLI). The encoded protein is a TATA box-binding protein-associated factor that plays a role in the assembly of the RNA polymerase I preinitiation complex. Alternate splicing results in multiple transcript variants encoding multiple isoforms.[provided by RefSeq, Jan 2011]

TAF1A Polyclonal Antibody - 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

Dilution

- WB~~1:1000<br \><span class</pre>
- ="dilution_IHC-P">IHC-P~~N/A<br \><span class
- ="dilution_IHC-F">IHC-F~~N/A<br \><span class
- ="dilution IF">IF~~1:50~200
span class = "dilution ICC">ICC~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TAF1A Polyclonal Antibody - 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

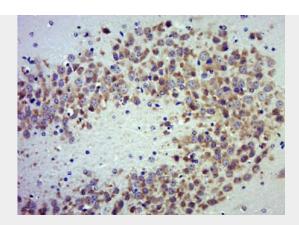
TAF1A Polyclonal Antibody - Protocols

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

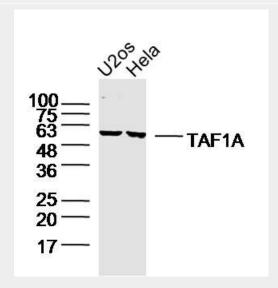
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TAF1A Polyclonal Antibody - Images





Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TAF1A) Polyclonal Antibody, Unconjugated (bs-12894R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Sample:

U2OS Cell Lysate at 40 ug Hela Cell Lysate at 40 ug

Primary: Anti-TAF1A (bs-12894R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD Observed band size: 53 kD