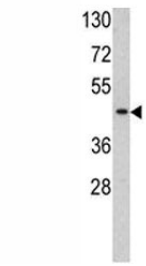
TBP Antibody (F49783)

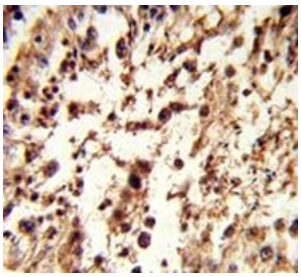
Catalog No.	Formulation	Size
F49783-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49783-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

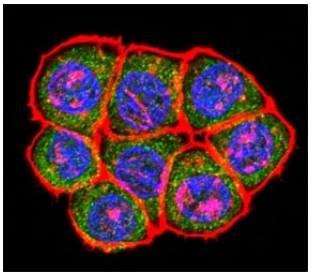
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Chicken, Mouse, Primate, Xenopus
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P20226
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Immunofluorescence: 1:10-1:50
Limitations	This TBP antibody is available for research use only.



Western blot analysis of TBP antibody and HL-60 lysate. Observed molecular weight: 35-43 kDa.



IHC analysis of FFPE human testis tissue stained with TBP antibody



Confocal immunofluorescent analysis of TBP antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

General transcription factor that functions at the core of the DNA-binding multiprotein factor TFIID. Binding of TFIID to the TATA box is the initial transcriptional step of the pre-initiation complex (PIC), playing a role in the activation of eukaryotic genes transcribed by RNA polymerase II. Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1 with the rDNA promoter. SL1 is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. [UniProt]

Application Notes

Titration of the TBP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 301-330 from the human protein was used as the immunogen for this TBP antibody.

Storage

Aliquot the TBP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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