

Datasheet for ABIN3029098
anti-TBP antibody (AA 301-330)

5 Images

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Overview

Quantity:	0.4 mL
Target:	TBP
Binding Specificity:	AA 301-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 301-330 from the human protein was used as the immunogen for this TBP antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Chicken, Mouse, Primate, Xenopus
Purification:	Purified

Target Details

Target:	TBP
Alternative Name:	TBP (TBP Products)
Background:	General transcription factor that functions at the core of the DNA-binding multiprotein factor

Target Details

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]

UniProt: [P20226](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: Titration of the TBP antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

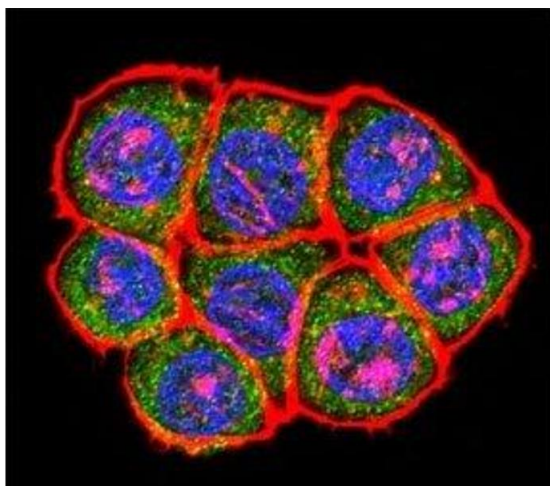
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

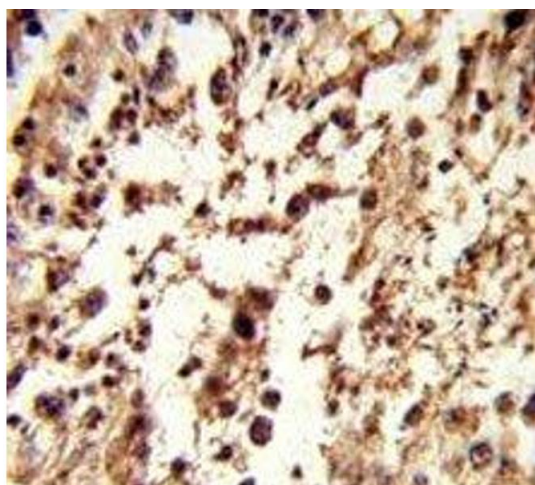
Storage: -20 °C

Storage Comment: Aliquot the TBP antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



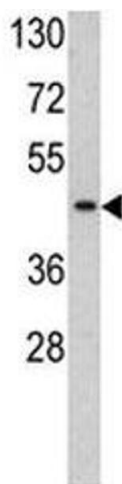
Immunofluorescence

Image 1. 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).



Immunohistochemistry

Image 2. IHC analysis of FFPE human testis tissue stained with TBP antibody.



Western Blotting

Image 3. Western blot analysis of TBP antibody and HL-60 lysate. Observed molecular weight: 35-43 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029098.