

Datasheet for ABIN4914538

anti-TBP antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TBP
Reactivity:	Human, Mouse, Rat, Cynomolgus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Purified His-tagged TBP protein was used to produced this monoclonal antibody.
Clone:	8C4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Cynomolgus Monkey
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	TBP
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Target Details

Alternative Name:	TBP (TBP Products)
Background:	<p>Synonyms: HDL4, GTF2D, SCA17, TFIID, GTF2D1, TATA-box-binding protein, TATA sequence-binding protein, TATA-binding factor, TATA-box factor, Transcription initiation factor TFIID TBP subunit, TBP, TF2D</p> <p>Background: 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.</p>
Gene ID:	6908
UniProt:	P20226
Pathways:	WNT Signaling

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

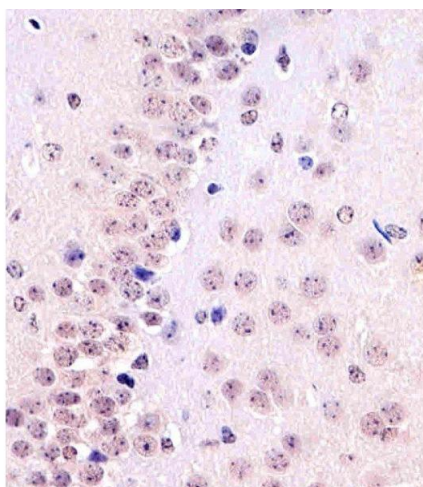
**Immunohistochemistry (Paraffin-embedded Sections)**

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse brain tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with TBP (830CT4.3.3) Monoclonal Antibody (bsm-51220M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.

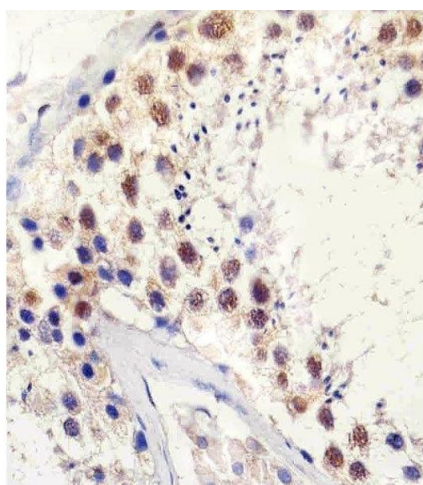
**Immunohistochemistry (Paraffin-embedded Sections)**

Image 2. Paraformaldehyde-fixed, paraffin embedded human testis tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with TBP (830CT4.3.3) Monoclonal Antibody (bsm-51220M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.