

Mouse anti-Human, mouse TBP Monoclonal Antibody | anti-TBP antibody

TBP Antibody

CATALOG # AAA283590	HOST Mouse	REACTIVITY Human, mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

TBP; Monoclonal Antibody; TBP Antibody; TATA-box-binding protein; TATA sequence-binding protein; TATA-binding factor; TATA-box factor; Transcription initiation factor TFIID TBP subunit; GTF2D1; TF2D; TFIID; anti-TBP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	830CT4.3.3
Specificity	Purified His-tagged TBP protein was used to produced this monoclonal antibody.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Length	319
Applicable Applications for anti-TBP antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Recombinant Protein
Crown Antibody	Yes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

TBP Antibody western blot analysis in HeLa, HepG2, mouse NIH/3T3 cell line lysates (35ug/lane). This demonstrates the TBP antibody detected the TBP protein (arrow).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. testis section using TBP Antibody. AAA283590 was diluted at 1:25 dilution. A undiluted biotinylated goat polyclonal antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TBP antibody	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.
Product Categories/Family for anti-TBP antibody	Crown Antibodies; Neuroscience
References	Hoffmann A., et al. Nature 346:387-390(1990). Peterson M.G., et al. Science 248:1625-1630(1990). Kao C.C., et al. Science 248:1646-1650(1990). Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Mungall A.J., et al. Nature 425:805-811(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	285026520
NCBI GeneID	6908
NCBI Accession #	NP_001165556.1; NP_003185.1
NCBI GenBank Nucleotide #	NM_001172085.1
UniProt Accession #	P20226; Q16845; Q6IBM6; Q9UC02; B4E3B3; F5H869
Molecular Weight	37698
NCBI Official Full Name	TATA-box-binding protein isoform 2
NCBI Official Synonym Full Names	TATA box binding protein
NCBI Official Symbol	TBP
NCBI Official Synonym Symbols	HDL4; GTF2D; SCA17; TFIID; GTF2D1
NCBI Protein Information	TATA-box-binding protein
UniProt Protein Name	TATA-box-binding protein
UniProt Gene Name	TBP
UniProt Synonym Gene Names	GTF2D1; TF2D; TFIID
UniProt Entry Name	TBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tbp-antibody-clone-830ct4-3-3-western-blot-immunohistochemistry-elisa/283590>