

**Product Name: TATA Box Binding Protein (10C1) Mouse Monoclonal Antibody****Catalog #: AMM00780**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100
<b>Molecular Weight</b>	-

**Antigen Information**

<b>Gene Name</b>	TBP
<b>Alternative Names</b>	TBP; GTF2D1; TF2D; TFIID; TATA-box-binding protein; TATA sequence-binding protein; TATA-binding factor; TATA-box factor; Transcription initiation factor TFIID TBP subunit
<b>Gene ID</b>	6908
<b>SwissProt ID</b>	P20226
<b>Immunogen</b>	A synthetic peptide of human TATA binding protein TBP

**Background**

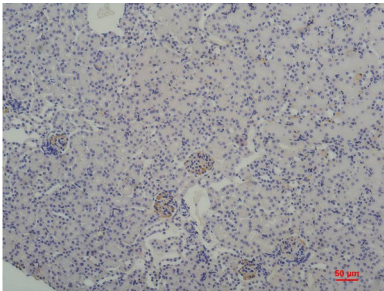
As one of the few proteins in the preinitiation complex that binds DNA in a sequence-specific manner, it helps position RNA

polymerase II over the transcription start site of the gene. However, it is estimated that only 10-20% of human promoters have TATA boxes. Therefore, TBP is probably not the only protein involved in positioning RNA polymerase II. This protein is not suitable for samples where the nuclear envelope has been removed.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using TATA Box Binding Protein (10C1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.