

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

Summary

Production Name	TATA Box Binding Protein (10C1) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	IHC-P
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	TBP
Alternative Names	TBP; GTF2D1; TF2D; TFIID; TATA-box-binding protein; TATA sequence-binding protein; TATA-binding factor; TATA-box factor; Transcription initiation factor TFIID TBP subunit
Gene ID	6908
SwissProt ID	P20226

Application

Dilution Ratio	IHC: 1/50-1/100
Molecular Weight	-

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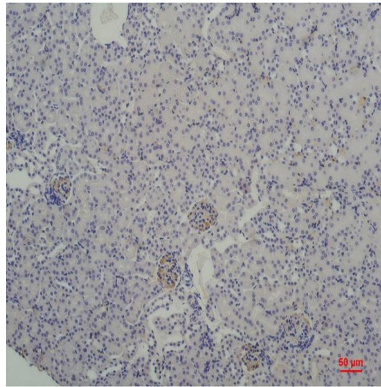
Background

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.

Note

For research use only.