

**Product Name: TATA Box Binding Protein (9D1) Mouse  
Monoclonal Antibody  
Catalog #: AMM00901**

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## Summary

<b>Production Name</b>	TATA Box Binding Protein (9D1) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

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

## Immunogen

<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

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 38 kDa; Observed MW: 35-45 kDa

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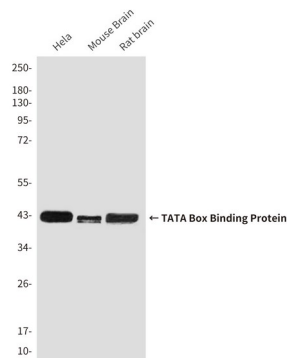
## Background

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



Western blot analysis of TATA Box Binding Protein (9D1) in HeLa, mouse Brain, rat Brain lysates using TBP/TATA Binding Protein antibody.

## Note

For research use only.