

## Recombinant TATA Box Binding Protein Monoclonal Antibody

catalog number: AN301051L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

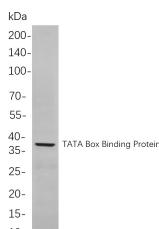
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human TATA Box Binding Protein protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG,κ
<b>Clone</b>	B806
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

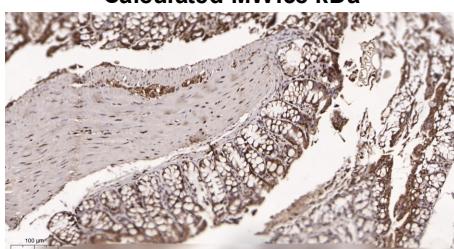
<b>IHC</b>	1:400-1000
<b>WB</b>	1:1000-5000
<b>IF</b>	1:200-1000
<b>ELISA</b>	1:5000-20000
<b>IP</b>	1:50-200

### Data



Western Blot with Recombinant TATA Box Binding Protein Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HEK293 cells.

**Observed-MW:38 kDa**  
**Calculated-MW:38 kDa**



Immunohistochemistry of paraffin-embedded mouse colon tissue using Recombinant TATA Box Binding Protein Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human colon carcinoma tissue using Recombinant TATA Box Binding Protein Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

#### For Research Use Only

Toll-free: 1-888-852-8623

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Rev. V1.2

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes TBP, the TATA-binding protein. A distinctive feature of TBP is a long string of glutamines in the N-terminus.

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