

**DATASHEET**

**TBP Mouse Monoclonal Antibody(C2185)**

CAT. NO. AMA01797

**KEY FEATURES**

Target	TBP	Source / Host	Mouse
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

**BACKGROUND**

The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription -dependent transcription . TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) . The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 . The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C . TBP forms the TFIID-A module together with TAF3 and TAF5 . TBP is a general transcription factor that functions at the core of the TFIID complex .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:1000 - 1:2000
----	-----------------

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

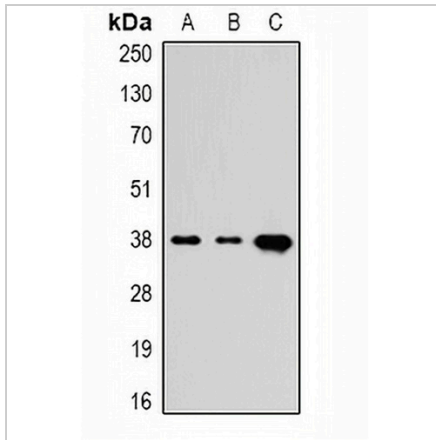
Description	Mouse monoclonal antibody to TBP
Specificity	Recognizes endogenous levels of TBP protein.
Antibody Type	Primary antibody
Immunogen	Recombinant protein corresponding to human TBP.
Purification	Affinity chromatography
Molecular Weight	Predicted: 37 kD; Observed: 35-45 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GTF2D1; TF2D; TFIID; TATA-box-binding protein; TATA sequence-binding protein; TATA-binding factor; TATA-box factor; Transcription initiation factor TFIID TBP subunit
Gene Symbol	TBP
Entrez Gene	6908(Human)
SwissProt	P20226(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****TBP Mouse Monoclonal Antibody(C2185)**

CAT. NO. AMA01797

**DATA**

Western blot analysis of TBP expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 35-45 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.