

## Anti-TBP Antibody (8E56)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8E56
Purification:	Affinity-chromatography

### Applications

	Western Blot
	-Positive WB detected in: Hela whole cell lysate, K562 whole cell lysate, Jurkat whole cell lysate, HL60 whole cell lysate
Verified Activity:	-All lanes: TBP antibody at 1:2000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 38, 36 kDa -Observed band size: 36 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:5000.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human TBP
Antigen Species:	Human
Gene ID:	6908
Uniprot ID:	P20226
Synonyms:	Transcription initiation factor TFIID TBP subunit;TF2D;GTF2D1;TATA sequence-binding protein; TATA-box factor;TATA-binding factor;TFIID;TATA-box-binding protein
Biology Area:	Isotype/Loading Controls, Epigenetics and Nuclear Signaling

### Research Background

General transcription factor that functions at the core of the DNA-binding multiprotein factor TFIID. Binding of TFIID to the TATA box is the initial transcriptional step of the pre-initiation complex (PIC), playing a role in the activation of eukaryotic genes transcribed by RNA polymerase II. Component of a BRF2-containing transcription factor complex that regulates transcription mediated by RNA polymerase III. Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (pre-initiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1 with the rDNA promoter. SL1 is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA.

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