

anti- TBP antibody

Product Information

Catalog No.:	FNab08527
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	7B0
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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 the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC(preinitiation 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.

Immunogen information

Immunogen:	TATA box binding protein
Synonyms:	GTF2D, GTF2D1, SCA17, TATA binding factor, TATA box binding protein, TATA box factor, TATA sequence binding protein, TBP, TF2D, TFIID
Observed MW:	38 kDa
UniprotID :	P20226

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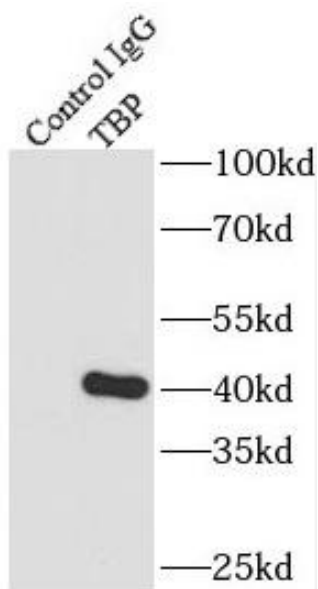
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:2000-1:5000; IP: 1:500-1:1000

Image:



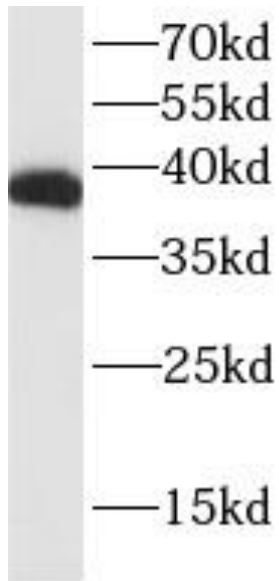
IP Result of anti-TBP (IP:FNab08527, 3ug;
Detection:FNab08527 1:800) with HEK-293 cells
lysate 1800ug.

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Hela cells were subjected to SDS PAGE followed by western blot with FNab08527(TBP antibody) at dilution of 1:4000