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Anti-TATA Box Binding Protein Rabbit mAb [28F44]

Catalog No.: A52337

Basic Information

Catalog No. (Cat.No.)	A52337
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	TATA Box Binding Protein,TBP,TBP,GTF2D1,TF2D,TFIID,TATA-box-binding protein,TATA sequence-binding protein,TATA-binding factor,TATA-box factor,Transcription initiation factor TFIID TBP subunit

Product Information

Target	TATA Box Binding Protein
Molecular Weight(Calculated)	38 kDa
Molecular Weight(Observed)	38 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	28F44
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:400-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	TATA-box-binding protein
Gene Name	*TBP*
Domain	NA
Background	TBP (TATA-box binding protein) is central subunit of general-transcription-factor TFIID, recognizing TATA-box promoter motifs and recruiting RNA-polymerase-II machinery for transcription initiation. Highly-conserved TBP binds TATA-box DNA, assembles TFIID complex and builds pre-initiation-complex (PIC) to launch RNA-pol-II-dependent transcription; it also participates in RNA-polymerase-I and-III transcription. TBP is widely adopted as nuclear-protein loading-control marker.