

For Research Use Only

TBP Recombinant monoclonal antibody, PBS Only

Catalog Number: 87550-1-PBS



Basic Information

Catalog Number: 87550-1-PBS	GenBank Accession Number: BC110341	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6908	CloneNo.: 252942E3
Source: Rabbit	UNIPROT ID: P20226	
Isotype: IgG	Full Name: TATA box binding protein	
Immunogen Catalog Number: AG12383	Calculated MW: 338 aa, 38 kDa	
	Observed MW: 37-45 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

TBP, TATA box-binding protein, is a DNA-binding subunit of TFIID, which is a multisubunit complex essential for the expression of most protein-encoding genes. The well-conserved C-terminal domains of 180 aa is both necessary and sufficient for interaction with DNA and for assembly of the basal transcription apparatus. The N terminus of TBP modulates the DNA-binding activity of the C terminus of the protein. Once binds to the TATA box mediated by TBP, TFIID initiate the transcription step of the pre-initiation complex (PIC), playing a role in the activation of eukaryotic genes transcribed by RNA polymerase II.

Storage

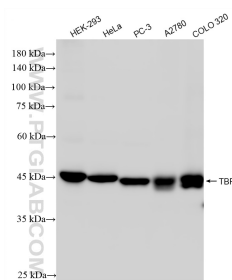
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

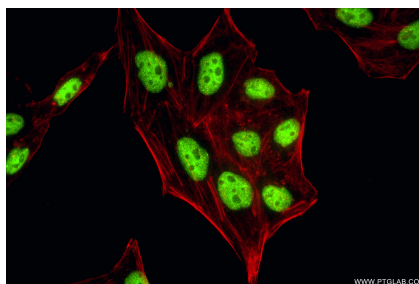
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87550-1-RR (TBP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87550-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TBP antibody (87550-1-RR, Clone: 252942E3) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 87550-1-PBS in a different storage buffer formulation.