

Cat. No:	ABN05602
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human UBF around the phosphorylation site of Ser484. AA range:451-500
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Molecular Weight:	85kDa
Purification:	Affinity purification
Synonyms:	UBTF; UBF; UBF1; Nucleolar transcription factor 1; Autoantigen NOR-90; Upstream-binding factor 1; UBF-1
Background:	<p>This gene encodes a member of the HMG-box DNA-binding protein family. The encoded protein plays a critical role in ribosomal RNA transcription as a key component of the pre-initiation complex, mediating the recruitment of RNA polymerase I to rDNA promoter regions. The encoded protein may also play important roles in chromatin remodeling and pre-rRNA processing, and its activity is regulated by both phosphorylation and acetylation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3, 11 and X and the long arm of chromosome 11. [provided by RefSeq, Aug 2011],function:Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the species-specific factor SL1. It binds specifically to the upstream control element.,PTM:Phosphorylated and activated by PIK3CA.,similarity:Contains 6 HMG box DNA-binding domains.,subunit:Homodimer. Binds to IRS1 and PIK3CA.,</p>
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

**For Research use only
IMMUNOLOGICAL SCIENCES**