

## UBF Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09368
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from UBF . at AA range: 420-500
<b>Mol wt</b>	89406
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	UBF Antibody
<b>Synonyms</b>	UBTF; UBF; UBF1; Nucleolar transcription factor 1; Autoantigen NOR-90; Upstream-binding factor 1; UBF-1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

UBTF (upstream binding transcription factor, RNA polymerase I) 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 UBTF. Pseudogenes of UBTF are located on the short arm of chromosomes 3, 11 and X and the long arm of chromosome 11.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year