

Product datasheet for **AP54449PU-N**

UBF1 (UBTF) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 630-660 amino acids from the C-terminal region of human UBTF
Specificity:	This antibody detects UBTF / UBF (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	upstream binding transcription factor, RNA polymerase I
Database Link:	Entrez Gene 7343 Human P17480



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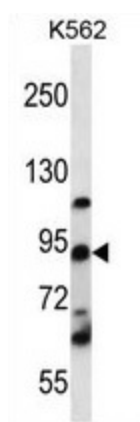
Background: Upstream binding factor (UBF) is a transcription factor required for expression of the 18S, 5.8S, and 28S ribosomal RNAs, along with SL1 (a complex of TBP (MIM 600075) and multiple TBP-associated factors or 'TAFs'). Two UBF polypeptides, of 94 and 97 kD, exist in the human (Bell et al., 1988 [PubMed 3413483]). UBF is a nucleolar phosphoprotein with both DNA binding and transactivation domains. Sequence-specific DNA binding to the core and upstream control elements of the human rRNA promoter is mediated through several HMG boxes (Jantzen et al., 1990 [PubMed 2330041]).

Synonyms: Nucleolar transcription factor 1, Upstream-binding factor 1, UBF1, UBF-1, Autoantigen NOR-90

Note: **Molecular Weight:** 89406 Da

Protein Families: Transcription Factors

Product images:



UBTF Antibody (C-term) western blot analysis in K562 cell line lysates (35 ug/lane). This demonstrates the UBTF antibody detected the UBTF protein (arrow).