

Product datasheet for **TA333872**

UBF1 (UBTF) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-UBTF Antibody: synthetic peptide directed towards the middle region of human UBTF. Synthetic peptide located within the following region: LESLPREEQQRVLGEEKMLNINKKQATSPASKKPAQEGGKGGSEKPKRPV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	89 kDa
Gene Name:	upstream binding transcription factor, RNA polymerase I
Database Link:	NP_055048 Entrez Gene 7343 Human P17480



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Background:

UBTF is a transcription factor required for expression of the 18S, 5.8S, and 28S ribosomal RNAs, along with SL1. Two UBTF polypeptides, of 94 and 97 kD, exist in the human. UBTF 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. 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]). [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

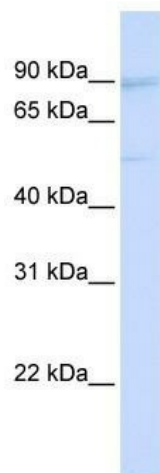
NOR-90; UBF; UBF-1; UBF1; UBF2

Note:

Immunogen sequence homology: Human: 100%; Rat: 93%; Mouse: 93%; Rabbit: 93%; Pig: 86%; Bovine: 86%; Guinea pig: 79%; Horse: 77%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-UBTF Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:2500; Positive Control: HeLa cell lysate. UBTF is supported by BioGPS gene expression data to be expressed in HeLa