

For Research Use Only

UBF1 Polyclonal antibody

Catalog Number: 20660-1-AP



Basic Information

Catalog Number: 20660-1-AP	GenBank Accession Number: NM_014233	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7343	Recommended Dilutions: WB 1:500-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: upstream binding transcription factor, RNA polymerase I	
Isotype: IgG	Calculated MW: 89 kDa	
	Observed MW: 85-90 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human	WB : HT-1080 cells, HepG2 cells, MCF-7 cells IF : HepG2 cells,

Background Information

UBTF, also named as NOR-90 or UBF-1, is a 764 amino acid protein, which may form Homodimer. UBTF recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the transcription factor SL1/TIF-IB complex. It binds specifically to the upstream control element. UBTF exists two isoform with MV 89 kDa and 85 kDa. (PMID: 1940801)

Storage

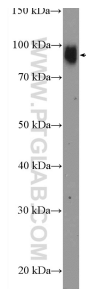
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

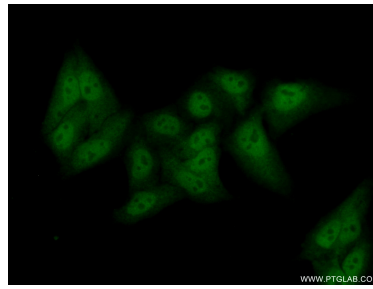
For technical support and original validation data for this product please contact:
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Selected Validation Data



HT-1080 cells were subjected to SDS PAGE followed by western blot with 20660-1-AP (UBF1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 20660-1-AP (UBF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).