

For Research Use Only

UBF1 Polyclonal antibody

Catalog Number: 20660-1-AP



Basic Information

Catalog Number:

20660-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_014233

GeneID (NCBI):

7343

UNIPROT ID:

P17480

Full Name:

upstream binding transcription factor,
RNA polymerase I

Calculated MW:

89 kDa

Observed MW:

85-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

human

Positive Controls:

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

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

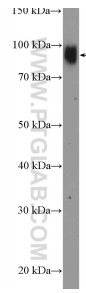
T: 4006900926

E: Proteintech-CN@ptglab.com

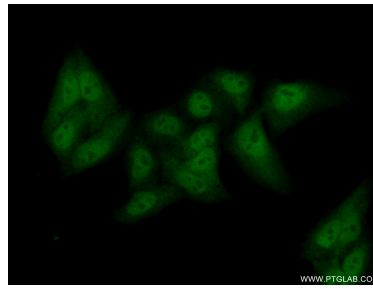
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Selected Validation Data



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).