

Anti-Human/Mouse/Rat UBTF Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA06088**

3th Edition

Description: This gene 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 this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3, 11 and X and the long arm of chromosome 11. UBTF (Upstream Binding Transcription Factor, RNA Polymerase I) is a Protein Coding gene. Diseases associated with UBTF include Limited Scleroderma and Gastric Antral Vascular Ectasia. Among its related pathways are MAPK Signaling: Mitogen Stimulation Pathway and Validated targets of C-MYC transcriptional activation. GO annotations related to this gene include poly(A) RNA binding and binding. An important paralog of this gene is UBTF1.

Antigen: Synthesized peptide derived from the Internal region of human UBF-1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: