



UBF-1 Rabbit mAb

Catalog No	YP-rAb-17059
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	UBTF
Protein Name	Nucleolar transcription factor 1
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:400-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	UBF-1;Nucleolar transcription factor 1;UBTF ; UBF ; UBF1 ; Nucleolar transcription factor 1 ; Autoantigen NOR-90 ; Upstream-binding factor 1 ; UBF-1;UBTF
Observed Band	89kD
Calculated Molecular Weight	89kD
Cell Pathway	Nucleus, nucleolus .
Tissue Specificity	Lymph,Placenta,Testis,
Function	Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the species-specific factor SL1. It binds specifically to the upstream control element.,PTM:Phosphorylated and activated by PIK3CA.,similarity:Contains 6 HMG box DNA-binding domains.,subunit:Homodimer. Binds to IRS1 and PIK3CA.,
Background	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



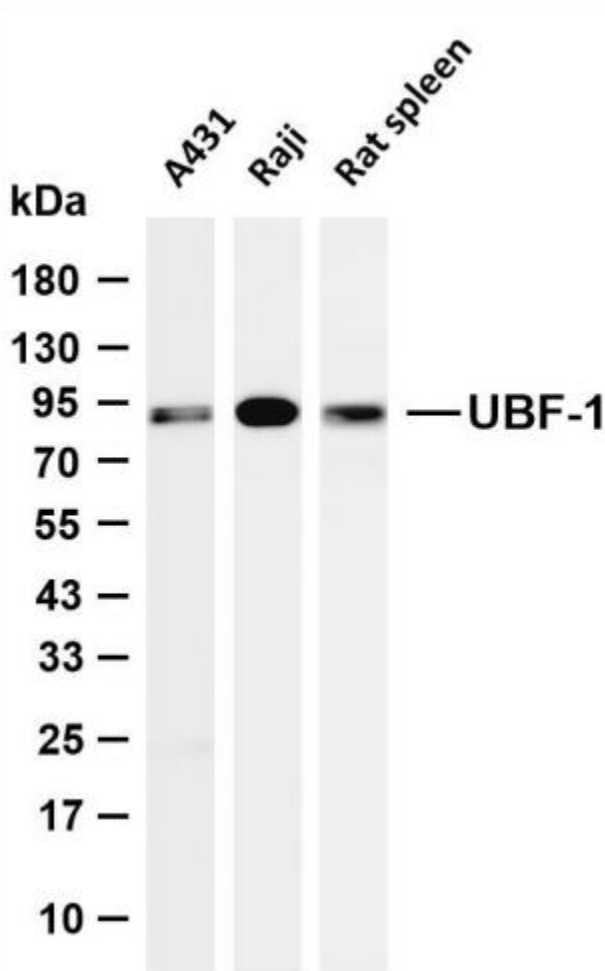
transcript variants encoding multiple isoforms have been observed for this gene . Pseudogenes of this gene are located on the short arm of chromosomes 3, 11 and X and the long arm of chromosome 11. [provided by RefSeq, Aug 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-UBF-1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: A431 Lane 2: Raji Lane 3: Rat spleen Predicted band size: 89kDa Observed band size: 89kDa

