SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-UBF1 antibody

Catalog Number: SL2362R

FOR RESEARCH USE ONLY

[DATASHEET]

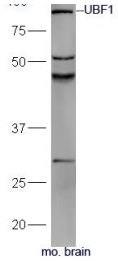
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	UBF1
Immunogen:	KLH conjugated synthetic peptide derived from human UBF1: 51-150/764
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Cow)
Predicted MW.:	89kDa
Subcellular Location:	The nucleus
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] **Function:** 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. **Subcellular Location:** Nucleus

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

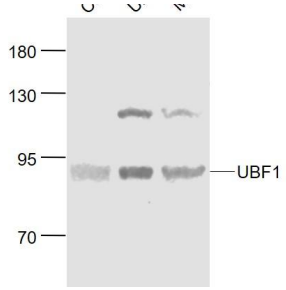
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	Post-translational modifications: Phosphorylated and activated by PIK3CA. **Similarity:** Contains 6 HMG box DNA-binding domains. **Database links:** **Entrez Gene:** 7343 Human **Entrez Gene:** 21429 Mouse **Entrez Gene:** 25574 Rat Omim: 600673 Human **SwissProt:** P17480 Human **SwissProt:** P25976 Mouse **SwissProt:** P25977 Rat **Unigene:** 89781 Human **Unigene:** 2845 Mouse **Unigene:** 22469 Rat

[VALIDATION IMAGES]



Sample:Brain (Mouse) Lysate at 40 ug
Primary: Anti-UBF1 (SL2362R) at 1/300 dilution
Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL0295G-HRP) at 1/5000 dilution
Predicted band size: 89 kD
Observed band size: 89 kD



Sample:
Cerebrum (Mouse) Lysate at 40 ug
U2os(Human) Cell Lysate at 30 ug
Molt-4(Human) Cell Lysate at 30 ug
Primary: Anti-UBF1 (SL2362R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 89 kD
Observed band size: 89 kD

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