

Phospho-UBF1 (S484) Antibody

Rabbit mAb

Catalog # AP93231

Product Information

Application	WB, IHC
Primary Accession	P17480
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Histone H3;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	89406

Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-UBF1 (S484)
Description	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	UBTF
Synonyms	UBF, UBF1
Function	Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I (Pol I) through cooperative interactions with the transcription factor SL1/TIF-IB complex. It binds specifically to the upstream control element and can activate Pol I promoter escape.
Cellular Location	Nucleus, nucleolus {ECO:0000250 UniProtKB:P25976}

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