

Phospho-UBF1 (S484) Antibody

Rabbit mAb Catalog # AP93231

Product Information

ApplicationWB, IHCPrimary AccessionP17480

Reactivity Rat, Human, Mouse

Clonality Monoclonal Other Names Histone H3;

IsotypeRabbit IgGHostRabbitCalculated MW89406

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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