

Phospho-Histone H3 (S10) Antibody

Rabbit mAb Catalog # AP93186

Product Information

Application WB, IHC, IF, ICC, IP, IHF

Primary Accession P68431

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names Histone H3.1, Histone H3, HIST1H3A;

IsotypeRabbit IgGHostRabbitCalculated MW15404

Additional Information

Dilution WB 1:100~1:200 IHC 1:500~1:2000 ICC/IF 1:1000~1:2000

Purification Affinity-chromatography

ImmunogenA synthesized peptide derived from human Phospho-Histone H3 (S10)DescriptionBelongs to the histone H3 family. Play a central role in transcription

regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications

of histones, also called histone code, and nucleosome remodeling.

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 H3C1 (<u>HGNC:4766</u>)

Synonyms H3FA, HIST1H3A

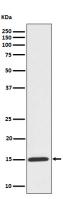
Function Core component of nucleosome. Nucleosomes wrap and compact DNA into

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. DNA accessibility is regulated via a complex set of post-translational modifications

of histones, also called histone code, and nucleosome remodeling.

Cellular Location Nucleus. Chromosome.

Images



Western blot analysis of Phospho-Histone H3 (S10) expression in HeLa treated Colcemid cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.