

PHOSPHO-HISTONE H3 (SER10) RABBIT PAB

Cat.#: N225258

Product Name: Anti-Phospho-Histone H3 (Ser10) Rabbit pAb

Synonyms: H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3

UNIPROT ID: P68431

Background: H3 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.

Immunogen: Human Phospho-Histone H3(Ser10) synthetic peptide conjugated to KLH.

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 15 kDa; Observed MW: 15 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

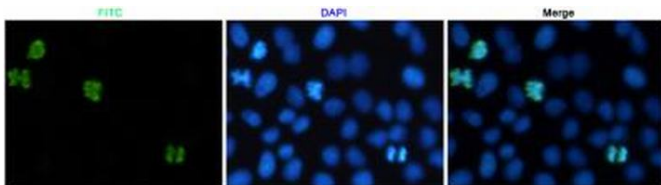
Conjugation: Unconjugated

Modification: Phosphorylated

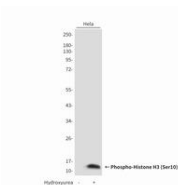
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of Phospho-Histone H3 (Ser10) in HeLa cells labeled using Phospho-Histone H3(Ser10) antibody, and DAPI (blue).



Western blot analysis of Phospho-Histone H3 (Ser10) in HeLa lysates, untreated or 1mM hydroxyurea treated for 5 hours, using Phospho-Histone H3(Ser10) antibody.