

## Histone H4 (Phospho Ser1) rabbit pAb

Cat No.: ES20566

For research use only

## Overview

Product Name Histone H4 (Phospho Ser1) rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse; Rat Recommended dilutions WB: 1:1000-2000

ImmunogenSynthetic Peptide of Histone H4 (Phospho Ser1)SpecificityThe antibody detects endogenous Histone H4

(Phospho Ser1) protein.

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Histone H4
Gene Name HIST1H4A

**Cellular localization** Nucleus. Chromosome.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

**Clonality** Polyclonal

Concentration

Observed band 14kD Human Gene ID 121504 Human Swiss-Prot Number P62805

Alternative Names HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI;

HIST1H4C; H4/G; H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD;

HIST1H4L; H4/K; H4FK; HIST2H4A; H4/

**Background** Histones are basic nuclear proteins that are

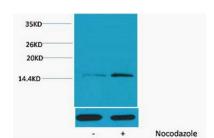
responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately



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146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq, Aug 2015],



Western blot analysis of extracts from Hela cells, untreated (-) or treated, 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

