

Histone H2A (Acetyl Lys15) rabbit pAb

Cat No.:ES20537

For research use only

Overview

| | |
|-----------------------|---|
| Product Name | Histone H2A (Acetyl Lys15) rabbit pAb |
| Host species | Rabbit |
| Applications | WB |
| Species | Human;Mouse;Rat |
| Cross-Reactivity | |
| Recommended dilutions | WB: 1:500-1000 |
| Immunogen | Synthetic Peptide of Histone H2A (Acetyl Lys15) |
| Specificity | The antibody detects endogenous Histone H2A (Acetyl Lys15) 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 H2A type 1/Histone H2A type 2/Histone H2A type 3 |
| Gene Name | HIST1H2AG/HIST1H2AI/HIST1H2AK/HIST1H2AL/HIST1H2AM/HIST2H2AA3/HIST2H2AA4/HIST3H2A |
| 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 | 8329/8330/8332/8336/8969/723790/8337/92815 |





Human P0C0S8/Q6FI13/Q7L7L0

**Swiss-Prot
Number**

**Alternative
Names** HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD;
HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1;
Histone H2A/p; HIST2H2AA3; H2AFO; HIST2H2AA; HIST2H2AA4;
Histone H2A type 2-A; Histone H2A.2; Histone H2A/o; HIST3H2A;
Histone H2A type 3;

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 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 H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [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

