



# Histone H1 (Phospho Ser1) Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-01514                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                   | HIST1H1A/HIST1H1C/HIST1H1D/HIST1H1E                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Synthetic Peptide of Histone H1 (Phospho Ser1)                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>                 | The antibody detects endogenous Histone H1 (Phospho Ser1) protein.                                                                                                                                                                                                                                                                                                                          |
| <b>Formulation</b>                 | PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>                    | WB: 1:1000-2000                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>                    | Histone H1;HIST1H1A/HIST1H1C/HIST1H1D/HIST1H1E;Histone H1.1/Histone H1.2/Histone H1.3/Histone H1.4;HIST1H1A;H1F1;Histone H1.1;Histone H1a;HIST1H1C;H1F2;Histone H1.2;Histone H1c;Histone H1d;Histone H1s-1;HIST1H1D;H1F3;Histone H1.3;Histone H1s-2;HIST1H1E;H1F4;Histone H1.4;Histone H1b;Histone H1s-4                                                                                    |
| <b>Observed Band</b>               | 17-25kD                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Calculated Molecular Weight</b> | 17-25kD                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>                | Nucleus . Chromosome . Mainly localizes in euchromatin.                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>          | Placenta,                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                    | function:Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.,similarity:Belongs to the histone H1/H5 family.,                                                                                                                                                                                                                                 |
| <b>Background</b>                  | Histones are basic nuclear proteins responsible for 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 H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Aug 2015],

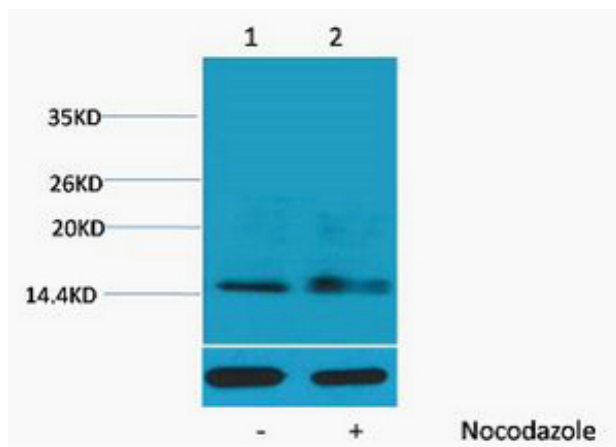
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of extracts from HeLa cells, untreated (-) or treated, 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000