

## Rabbit Histone H2A Polyclonal Antibody | anti-H2A antibody

Anti-Histone H2A (Acetyl-K9) Antibody

| CATALOG # | HOST   | REACTIVITY                         | APPLICATIONS |
|-----------|--------|------------------------------------|--------------|
| AAA265084 | Rabbit | Human, Mouse, Rat, Bovine, Chicken | Western Blot |

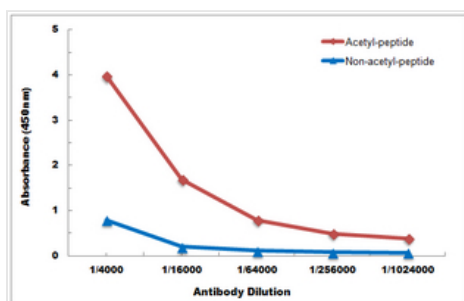
### PRODUCT SYNONYMS

Histone H2A; Polyclonal Antibody; Anti-Histone H2A (Acetyl-K9) Antibody; anti-H2A antibody

### PRODUCT SPECIFICATIONS

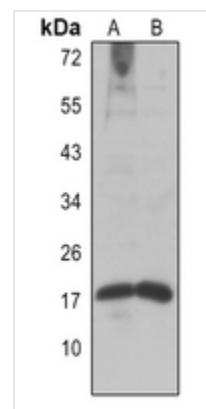
|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Human, Mouse, Rat, Bovine, Chicken                                                                                                                    |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Specificity                                   | Recognizes endogenous levels of Histone H2A protein only when acetylated at K9.                                                                       |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                                                       |
| Form/Format                                   | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.                                              |
| Applicable Applications for anti-H2A antibody | WB (Western Blot)                                                                                                                                     |
| Immunogen                                     | KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K9 of human Histone H2A protein. The exact sequence is proprietary. |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                                        |

### IMAGES



#### ELISA

Direct ELISA antibody dose-response curve using Anti-Histone H2A (Acetyl-K9) Antibody. Antigen (Acetyl-peptide and non-acetyl-peptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



#### WB (Western Blot)

Western blot analysis of Histone H2A (Acetyl-K9) expression in HeLa (A), H446 (B) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 17 kD)

### ADDITIONAL INFORMATION

|                                                   |                                                       |
|---------------------------------------------------|-------------------------------------------------------|
| Related Product Information for anti-H2A antibody | Rabbit polyclonal antibody to Histone H2A (Acetyl-K9) |
| Product Categories/Family for anti-H2A antibody   | Primary Antibodies                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4504239                               |
| NCBI GeneID                      | 8329                                  |
| NCBI Accession #                 | NP_003500.1                           |
| NCBI GenBank Nucleotide #        | NM_003509.2                           |
| UniProt Accession #              | POC0S8; P22752; P02262                |
| Molecular Weight                 | 14,091 Da                             |
| NCBI Official Full Name          | histone H2A type 1                    |
| NCBI Official Synonym Full Names | histone cluster 1 H2A family member i |
| NCBI Official Symbol             | HIST1H2AI                             |
| NCBI Official Synonym Symbols    | H2A/c; H2AFC                          |
| NCBI Protein Information         | histone H2A type 1                    |
| UniProt Protein Name             | Histone H2A type 1                    |
| UniProt Gene Name                | <b>HIST1H2AG</b>                      |
| UniProt Synonym Gene Names       | H2AFP; H2A.1                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h2a-antibody-western-blot-elisa/265084>