

## Rabbit Histone H1 Polyclonal Antibody | anti-HIST1H1B antibody

Anti-Histone H1 (pT17) Phospho Antibody

| CATALOG # | HOST   | REACTIVITY                                | APPLICATIONS                                                                |
|-----------|--------|-------------------------------------------|-----------------------------------------------------------------------------|
| AAA261160 | Rabbit | Human, Mouse, Rat, Bovine, Monkey, Rabbit | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Histone H1; Polyclonal Antibody; Anti-Histone H1 (pT17) Phospho Antibody; HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F4; Histone H1.4; Histone H1s-4; anti-HIST1H1B antibody

### PRODUCT SPECIFICATIONS

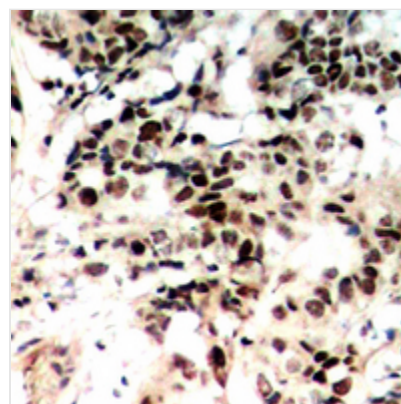
|                                                    |                                                                                                                                           |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                    |
| Reactivity                                         | Human, Mouse, Rat, Bovine, Monkey, Rabbit                                                                                                 |
| Clonality                                          | Polyclonal                                                                                                                                |
| Specificity                                        | Recognizes endogenous levels of Histone H1 (pT17) protein.                                                                                |
| Purity/Purification                                | The antibody was purified by immunogen affinity chromatography.                                                                           |
| Form/Format                                        | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                                 |
| Sequence Length                                    | 226                                                                                                                                       |
| Applicable Applications for anti-HIST1H1B antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                         |
| Immunogen                                          | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H1. The exact sequence is proprietary. |
| Preparation and Storage                            | Shipped and store at 4 degree C for one year. Do not freeze.                                                                              |

### IMAGES



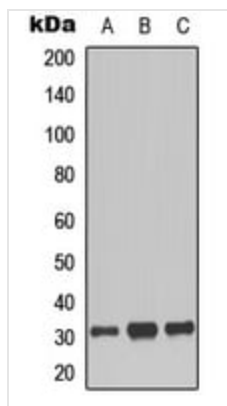
#### IF (Immunofluorescence)

Immunofluorescent analysis of Histone H1 (pT17) staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone H1 (pT17) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Histone H1 (pT17) expression in SKOV3 (A), Jurkat (B), COS7 (C) whole cell lysates.

## ADDITIONAL INFORMATION

**Related Product Information for anti-HIST1H1B antibody**

Rabbit polyclonal antibody to Histone H1 (pT17)

## NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 19856407                   |
| NCBI GeneID                      | 3009                       |
| UniProt Accession #              | P16401; Q14529; Q3MJ42     |
| Molecular Weight                 | 22,580 Da                  |
| NCBI Official Full Name          | Histone H1.5               |
| NCBI Official Synonym Full Names | histone cluster 1, H1b     |
| NCBI Official Symbol             | HIST1H1B                   |
| NCBI Official Synonym Symbols    | H1; H1B; H1.5; H1F5; H1s-3 |
| NCBI Protein Information         | histone H1.5               |
| UniProt Protein Name             | Histone H1.5               |
| UniProt Gene Name                | <b>HIST1H1B</b>            |
| UniProt Synonym Gene Names       | H1F5                       |
| UniProt Entry Name               | H15_HUMAN                  |

**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-h1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261160>