

## Rabbit anti-Human, Mouse Histone H1 Polyclonal Antibody | anti-HIST1H1A antibody

Anti-Histone H1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA260643 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

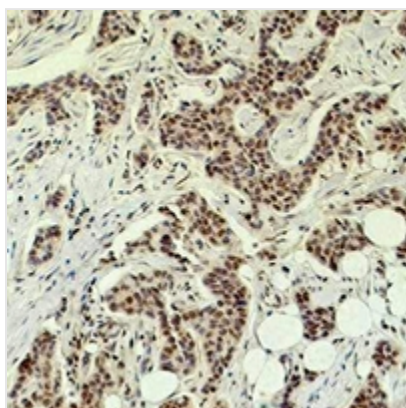
### PRODUCT SYNONYMS

Histone H1; Polyclonal Antibody; Anti-Histone H1 Antibody; 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; anti-HIST1H1A antibody

### PRODUCT SPECIFICATIONS

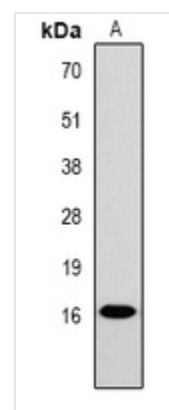
|                                                    |                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                           |
| Reactivity                                         | Human, Mouse                                                                                                     |
| Clonality                                          | Polyclonal                                                                                                       |
| Specificity                                        | Recognizes endogenous levels of Histone H1 protein.                                                              |
| Purity/Purification                                | The antibody was purified by 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                                    | 215                                                                                                              |
| Applicable Applications for anti-HIST1H1A antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                    |
| Immunogen                                          | KLH-conjugated synthetic peptide encompassing a sequence of human Histone H1. 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



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone H1 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 expression in HeLa (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                        |                                 |
|--------------------------------------------------------|---------------------------------|
| Related Product Information for anti-HIST1H1A antibody | Rabbit polyclonal to Histone H1 |
|--------------------------------------------------------|---------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 18202479               |
| NCBI GeneID                      | 3024                   |
| UniProt Accession #              | Q02539; Q3MJ34         |
| Molecular Weight                 | 21,842 Da              |
| NCBI Official Full Name          | Histone H1.1           |
| NCBI Official Synonym Full Names | histone cluster 1, H1a |
| NCBI Official Symbol             | HIST1H1A               |
| NCBI Official Synonym Symbols    | H1A; H1.1; H1F1; HIST1 |
| NCBI Protein Information         | histone H1.1           |
| UniProt Protein Name             | Histone H1.1           |
| UniProt Gene Name                | HIST1H1A               |
| UniProt Synonym Gene Names       | H1F1                   |
| UniProt Entry Name               | H11_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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