

## Rabbit anti-Human HIST1H1E Polyclonal Antibody | anti-HIST1H1E antibody

HIST1H1E (Ab-63) Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA234320</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

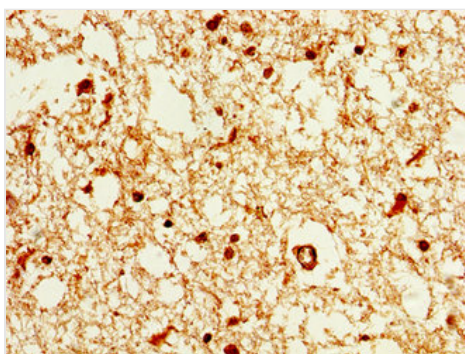
### PRODUCT SYNONYMS

HIST1H1E; Polyclonal Antibody; HIST1H1E (Ab-63) Antibody; Histone H1.4; Histone H1b; Histone H1s-4; H1F4; anti-HIST1H1E antibody

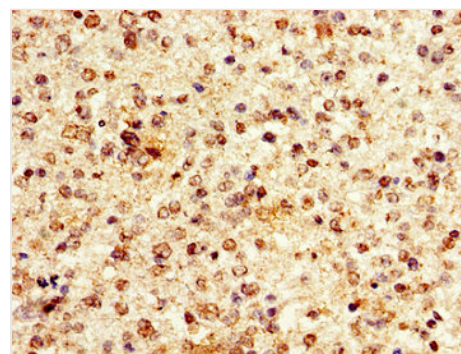
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                           |
| Reactivity                                         | Human                                                                            |
| Clonality                                          | Polyclonal                                                                       |
| Isotype                                            | IgG                                                                              |
| Purity/Purification                                | Antigen Affinity Purified                                                        |
| Form/Format                                        | Liquid                                                                           |
| Sequence Length                                    | 219                                                                              |
| Applicable Applications for anti-HIST1H1E antibody | IHC (Immunohistochemistry), ELISA                                                |
| Immunogen                                          | Peptide sequence around site of Lys (63) derived from human Histone H1.4.        |
| Conjugation                                        | Non-conjugated                                                                   |
| Buffer                                             | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                            | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human brain tissue using AAA234320 at dilution of 1:100


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA234320 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HIST1H1E antibody | Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity). |
| Product Categories/Family for anti-HIST1H1E antibody   | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 4885379                                  |
| NCBI GeneID                      | 3008                                     |
| NCBI Accession #                 | NP_005312.1                              |
| NCBI GenBank Nucleotide #        | NM_005321.2                              |
| UniProt Accession #              | P10412; Q4VB25                           |
| Molecular Weight                 | 21,865 Da                                |
| NCBI Official Full Name          | histone H1.4                             |
| NCBI Official Synonym Full Names | histone cluster 1 H1 family member e     |
| NCBI Official Symbol             | HIST1H1E                                 |
| NCBI Official Synonym Symbols    | H1E; H1.4; H1F4; RMNS; H1s-4; dJ221C16.5 |
| NCBI Protein Information         | histone H1.4                             |
| UniProt Protein Name             | Histone H1.4                             |
| UniProt Gene Name                | HIST1H1E                                 |
| UniProt Synonym Gene Names       | H1F4                                     |

**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://www.aaabiotech.com/polyclonal/hist1h1e-antibody-immunohistochemistry-elisa/234320>