

## Rabbit anti-Human HIST1H2AB Polyclonal Antibody | anti-HIST1H2AB antibody

Anti-HIST1H2AB Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                         |
|-----------|--------|------------|----------------------------------------------------------------------|
| AAA265495 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot |

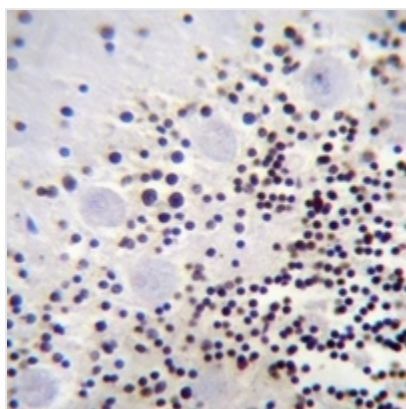
### PRODUCT SYNONYMS

HIST1H2AB; Polyclonal Antibody; Anti-HIST1H2AB Antibody; anti-HIST1H2AB antibody

### PRODUCT SPECIFICATIONS

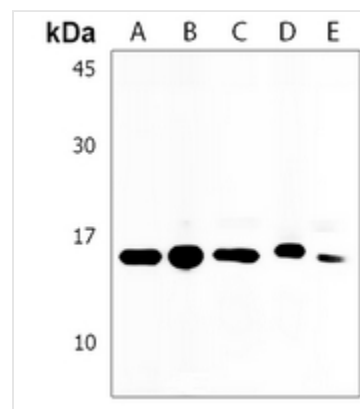
|                                                     |                                                                                                                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                                                                       |
| Reactivity                                          | Human                                                                                                                                        |
| Clonality                                           | Polyclonal                                                                                                                                   |
| Specificity                                         | Recognizes endogenous levels of HIST1H2AB protein.                                                                                           |
| 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-HIST1H2AB antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)                                                                     |
| Immunogen                                           | KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human HIST1H2AB. 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 HIST1H2AB staining in human cerebellum 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 HIST1H2AB expression in K562 (A), CEM (B), MDAMB453 (C), NCIH460 (D), MDAMB231 (E) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 15 kD)

ADDITIONAL INFORMATION

|                                                         |                                         |
|---------------------------------------------------------|-----------------------------------------|
| Related Product Information for anti-HIST1H2AB antibody | Rabbit polyclonal antibody to HIST1H2AB |
| Product Categories/Family for anti-HIST1H2AB antibody   | <a href="#">Primary Antibodies</a>      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">19557656</a>                                                 |
| NCBI GeneID                      | <a href="#">8335</a>                                                     |
| NCBI Accession #                 | <a href="#">NP_003504.2</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_003513.2</a>                                              |
| UniProt Accession #              | <a href="#">P04908</a> ; <a href="#">P28001</a> ; <a href="#">Q76P63</a> |
| Molecular Weight                 | 14                                                                       |
| NCBI Official Full Name          | histone H2A type 1-B/E                                                   |
| NCBI Official Synonym Full Names | histone cluster 1 H2A family member b                                    |
| NCBI Official Symbol             | HIST1H2AB                                                                |
| NCBI Official Synonym Symbols    | H2A/m; H2AFM                                                             |
| NCBI Protein Information         | histone H2A type 1-B/E                                                   |
| UniProt Protein Name             | Histone H2A type 1-B/E                                                   |
| UniProt Gene Name                | <b>HIST1H2AB</b>                                                         |
| UniProt Synonym Gene Names       | H2AFM                                                                    |

**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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