

## Rabbit Histone H4 Polyclonal Antibody | anti-H4 antibody

Rabbit anti-Histone H4 (pS80) Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA221925</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

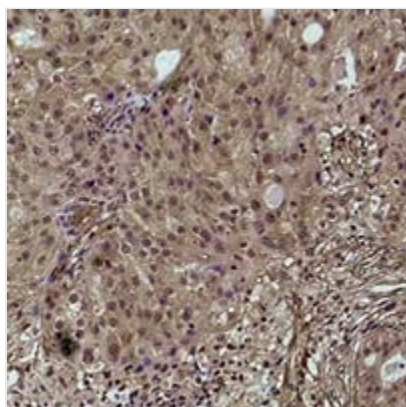
### PRODUCT SYNONYMS

Histone H4; Polyclonal Antibody; Rabbit anti-Histone H4 (pS80) Antibody; H4/A; H4FA; H4/I; H4FI; H4/G; H4FG; H4/B; H4FB; H4/J; H4FJ; H4/C; H4FC; H4/H; H4FH; H4/M; H4FM; H4/E; H4FE; H4/D; H4FD; H4/K; H4FK; H4/N; H4F2; H4FN; HIST2H4; H4/O; H4FO; anti-H4 antibody

### PRODUCT SPECIFICATIONS

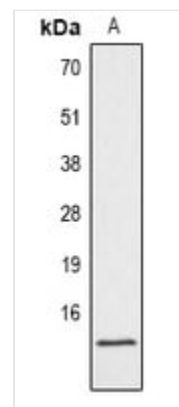
|                                              |                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                           |
| Reactivity                                   | Human, Mouse, Rat                                                                                                |
| Clonality                                    | Polyclonal                                                                                                       |
| 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.        |
| Concentration                                | 1mg/mL (varies by lot)                                                                                           |
| Applicable Applications for anti-H4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                    |
| Immunogen                                    | KLH-conjugated synthetic peptide encompassing a sequence of human Histone H4. The exact sequence is proprietary. |
| Preparation and Storage                      | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone H4 (pS80) 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 H4 (pS80) expression in HeLa (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                |                    |
|------------------------------------------------|--------------------|
| Product Categories/Family for anti-H4 antibody | Primary antibodies |
|------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 77539758                   |
| NCBI GeneID                      | 554313                     |
| NCBI Accession #                 | NP_001029249.1             |
| NCBI GenBank Nucleotide #        | NM_001034077.4             |
| UniProt Accession #              | P62805; P62806; P62804     |
| Molecular Weight                 | 11,367 Da                  |
| NCBI Official Full Name          | histone H4                 |
| NCBI Official Synonym Full Names | histone cluster 2, H4b     |
| NCBI Official Symbol             | HIST2H4B                   |
| NCBI Official Synonym Symbols    | H4/o                       |
| NCBI Protein Information         | histone H4; histone 2, H4b |
| UniProt Protein Name             | Histone H4                 |
| UniProt Gene Name                | HIST1H4A                   |
| UniProt Synonym Gene Names       | H4/A; H4FA                 |
| UniProt Entry Name               | H4_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://www.aaabiotech.com/polyclonal/histone-h4-antibody-immunohistochemistry-western-blot-elisa/221925>