

## Anti-Histone H2A antibody (C-Term) (STJ113097)

STJ113097

### GENERAL INFORMATION

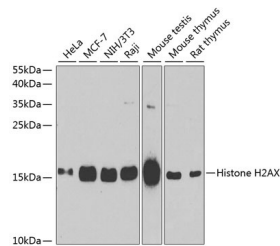
|                          |   |
|--------------------------|---|
| <b>Product Type</b>      | Primary antibodies  |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Histone H2AX (C-Term) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence. |
| <b>Applications</b>      | WB, IHC, IF   |
| <b>Host/Source</b>       | Rabbit  |
| <b>Reactivity</b>        | Human, Mouse, Rat   |

### PRODUCT PROPERTIES

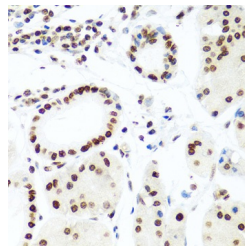
|                            |   |
|----------------------------|---|
| <b>Clonality</b>           | Polyclonal  |
| <b>Clone ID</b>            |   |
| <b>Concentration</b>       |   |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Purification</b>        | Affinity purification                                     |
| <b>Dilution Range</b>      | WB 1:500-1:1000<br>IHC 1:100-1:200<br>IF 1:50-1:200       |
| <b>Formulation</b>         | PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.   |
| <b>Isotype</b>             | IgG   |
| <b>Storage Instruction</b> | Store in a freezer at -20°C and avoid freeze-thaw cycles. |

### TARGET INFORMATION

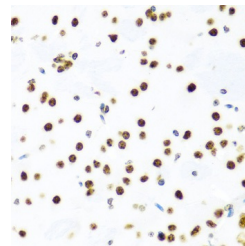
|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 3014   |
| <b>Gene Symbol</b>        | H2AX   |
| <b>Uniprot ID</b>         | H2AX_HUMAN   |
| <b>Immunogen</b>          | A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human Histone H2AX (NP_002096.1). |
| <b>Immunogen Region</b>   | C-Term   |
| <b>Specificity</b>        |  |
| <b>Immunogen Sequence</b> |  |



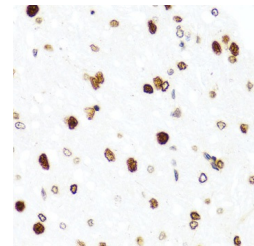
Western blot analysis of extracts of various cell lines, using Histone H2AX antibody (STJ113097) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human stomach using Histone H2AX antibody (STJ113097) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse stomach using Histone H2AX antibody (STJ113097) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using Histone H2AX antibody (STJ113097) at dilution of 1:100 (40x lens).