

Anti-Acetyl-Histone H3-K23 antibody (STJ11100124)

STJ11100124

GENERAL INFORMATION

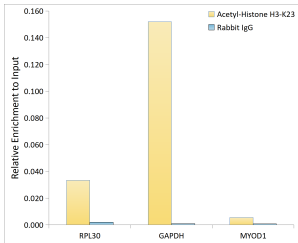
| | |
|--------------------------|----------------------------|
| Product Type | Primary antibodies |
| Short Description | |
| Applications | WB/IHC-P/IF/ICC/ELISA/ChIP |
| Host/Source | Rabbit |
| Reactivity | Human/Mouse/Rat/Other |

PRODUCT PROPERTIES

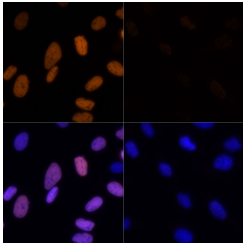
| | |
|----------------------------|--|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 5 Mu g-10 Mu g of Chromatin |
| Formulation | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

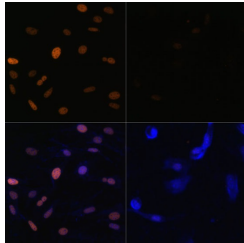
| | |
|---------------------------|--|
| Gene ID | 8290 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968 |
| Gene Symbol | H3-4 H3C1.H3C2.H3C3.H3C4.H3C6. |
| Uniprot ID | H31T_HUMAN H31_HUMAN |
| Immunogen | ATKAA |
| Immunogen Region | |
| Specificity | A synthetic acetylated peptide around K23 of human Histone H3 (NP_003520.1). |
| Immunogen Sequence | ATKAA |



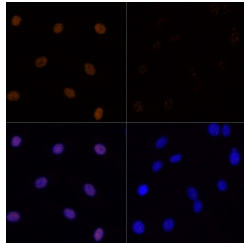
Chromatin immunoprecipitation analysis of extracts of HeLa cells, using Acetyl-Histone H3-K23 antibody (STJ11100124) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Immunofluorescence analysis of U-2 OS cells using Acetyl-Histone H3-K23 (STJ11100124) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. U2OS cells were treated by TSA (1 uM) at 37 °C for 18 hours. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H3-K23 (STJ11100124) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. NIH/3T3 cells were treated by TSA (1 uM) at 37 °C for 18 hours. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Acetyl-Histone H3-K23 (STJ11100124) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. C6 cells were treated by TSA (1 uM) at 37 °C for 18 hours. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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