

## Anti-Acetyl-Histone H3-K14 antibody (STJ29396)

STJ29396

### GENERAL INFORMATION

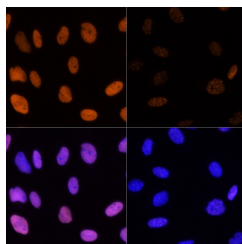
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat/Other

### PRODUCT PROPERTIES

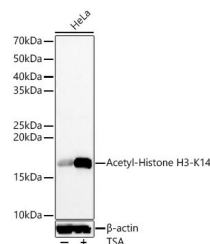
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

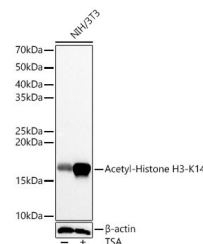
<b>Gene ID</b>	8290 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
<b>Gene Symbol</b>	H3-4 H3C1.H3C2.H3C3.H3C4.H3C6.
<b>Uniprot ID</b>	H31T_HUMAN H31_HUMAN
<b>Immunogen</b>	GGKAP
<b>Immunogen Region</b>	
<b>Specificity</b>	A synthetic acetylated peptide around K14 of human H3 (NP_003520.1).
<b>Immunogen Sequence</b>	GGKAP



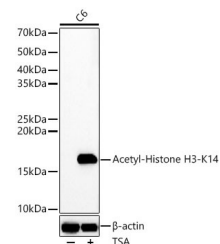
Immunofluorescence analysis of U-2 OS cells using Acetyl-Histone H3-K14 Rabbit polyclonal antibody (STJ29396) at dilution of 1:100 (40x lens). U-2 OS cells were treated by TSA (1 µM) at 37 °C for 18 hours. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from HeLa cells using Acetyl-Histone H3-K14 Rabbit polyclonal antibody (STJ29396) at 1:400 dilution. HeLa cells were treated by TSA (1 µM) at 37 °C for 18 hours. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from NIH/3T3 cells using Acetyl-Histone H3-K14 Rabbit polyclonal antibody (STJ29396) at 1:400 dilution. NIH/3T3 cells were treated by TSA (1 µM) at 37 °C for 18 hours. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from C6 cells using Acetyl-Histone H3-K14 Rabbit polyclonal antibody (STJ29396) at 1:400 dilution. C6 cells were treated by TSA (1 µM) at 37 °C for 18 hours. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 30s.

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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