

Anti-Acetyl-Histone H4-K91 antibody (STJ11100937)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

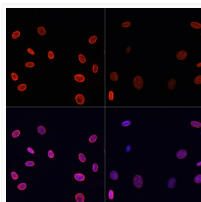
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

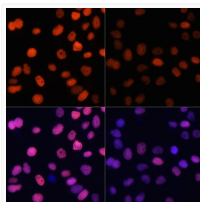
Gene ID	121504/554313/8294/8359/8360/8361/8362/8363/8364/8365/8366/8367/8368/8370
Gene Symbol	H4C1.H4C2.H4C3.H4C4.H4C5.H4C6.H4C8.H4C9.H4C11.H4C12.H4C13.H4C14.H4C15.H4C16
UniProt ID	H4_HUMAN
Immunogen Sequence	ALKRQ
Specificity	A synthetic acetylated peptide around K91 of human Histone H4 (NP_003529.1).

ADDITIONAL INFORMATION

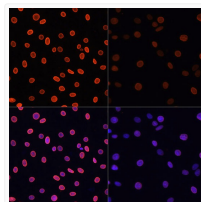
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



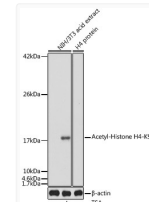
Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H4-K91 Rabbit polyclonal antibody (STJ11100937) at dilution of 1:100. NIH/3T3 cells were treated by TSA (1 µM) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using Acetyl-Histone H4-K91 Rabbit polyclonal antibody (STJ11100937) at dilution of 1:100. HeLa cells were treated by TSA (1 µM) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Acetyl-Histone H4-K91 Rabbit polyclonal antibody (STJ11100937) at dilution of 1:100. C6 cells were treated by TSA (1 µM) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from NIH/3T3 cells, using Acetyl-Histone H4-K91 Rabbit polyclonal antibody (STJ11100937) at 1:1000 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: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 300s.