

Anti-Acetyl-Histone H4-K12 antibody (STJ118031)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

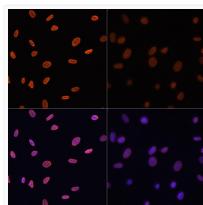
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: 11kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

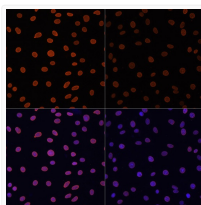
Gene ID	121504/554313/8294/8359/8360/8361/8362/8363/8364/8365/8366/8367/8368/8370
Gene Symbol	H4C1.H4C2.H4C3.H4C4.H4C5.H4C6.H4C8.H4C9.H4C11.H4C12.H4C13.H4C14.H4C15.H4C16
UniProt ID	H4_HUMAN
Immunogen Sequence	GLGKG
Specificity	A synthetic acetylated peptide around K12 of human Histone H4 (NP_001029249.1).

ADDITIONAL INFORMATION

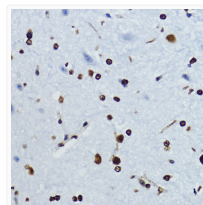
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



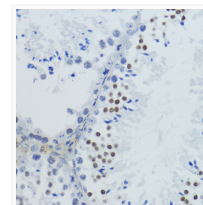
Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at dilution of 1:100. NIH/3T3 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.



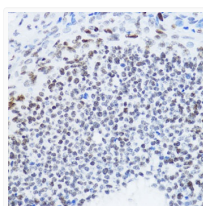
Immunofluorescence analysis of C6 cells using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at dilution of 1:100. C6 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.



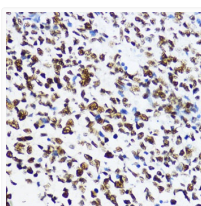
Immunohistochemistry analysis of Acetyl-Histone H4-K12 in paraffin-embedded mouse spinal cord using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



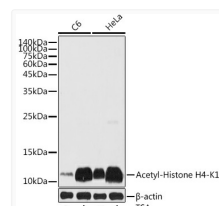
Immunohistochemistry analysis of Acetyl-Histone H4-K12 in paraffin-embedded mouse testis using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Acetyl-Histone H4-K12 in paraffin-embedded rat ovary using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Acetyl-Histone H4-K12 in paraffin-embedded human appendix using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using Acetyl-Histone H4-K12 Rabbit polyclonal antibody (STJ118031) at 1:500 dilution. HeLa cells and C6 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.