

Anti-Acetyl-H4C1.H4C2.H4C3.H4C4.H4C5.H4C6.H4C8.H4C9.H4C11.H4C12.H4C13.H4C14.H4C15.H4C16-K5/K8/K12/K16 antibody (STJ11104077)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

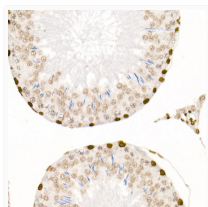
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: Refer to figures
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

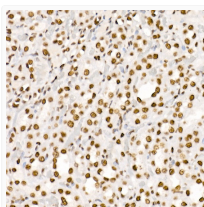
Gene ID	121504/554313/8294/8359/8360/8361/8362/8363/8364/8365/8366/8367/8368/8370
Gene Symbol	H4C1.H4C2.H4C3.H4C4.H4C5.H4C6.H4C8.H4C9.H4C11.H4C12.H4C13.H4C14.H4C15.H4C16
UniProt ID	H4_HUMAN
Specificity	A synthetic acetylated peptide around K5/K8/K12/K16 of human Histone H4.

ADDITIONAL INFORMATION

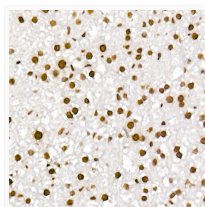
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



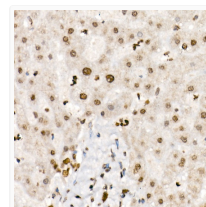
Immunohistochemistry analysis of Acetyl-Histone H4-K5/K8/K12/K16 in paraffin-embedded rat testis using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



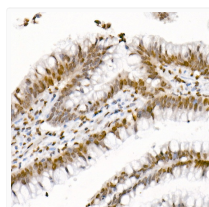
Immunohistochemistry analysis of Acetyl-Histone H4-K5/K8/K12/K16 in paraffin-embedded rat kidney using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



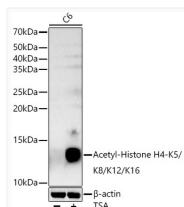
Immunohistochemistry analysis of Acetyl-Histone H4-K5/K8/K12/K16 in paraffin-embedded mouse liver using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



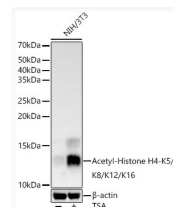
Immunohistochemistry analysis of Acetyl-Histone H4-K5/K8/K12/K16 in paraffin-embedded human liver using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Acetyl-Histone H4-K5/K8/K12/K16 in paraffin-embedded human colon carcinoma using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from C6 cells, using Acetyl-Histone H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at 1:500 dilution. C6 cells were treated by TSA (1 uM) at 37 °C for 18 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g 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 H4-K5/K8/K12/K16 Rabbit polyclonal antibody (STJ11104077) at 1:500 dilution. NIH/3T3 cells were treated by TSA (1 uM) at 37 °C for 18 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.