

Anti-Acetyl-Histone H4-K5 antibody (STJ117427)

STJ117427

GENERAL INFORMATION

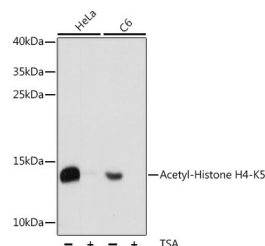
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Acetyl-Histone H4-K5 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
Applications	WB, IHC, IF
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

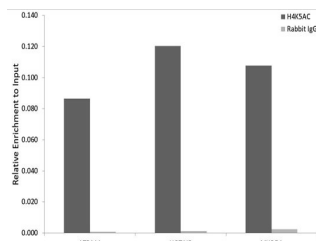
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200 ChIP 1:20-1:100
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid 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.H4-16
Uniprot ID	H4_HUMAN
Immunogen	A synthetic acetylated peptide around K5 of human Histone H4 (NP_001029249.1).
Immunogen Region	
Specificity	
Immunogen Sequence	



Western blot analysis of extracts of various cell lines, using Acetyl-Histone H4-K5 antibody (STJ117427) at 1:1000 dilution. HeLa cells were treated by TSA (10uM) for 18 hours. C6 cells were treated by TSA (10uM) for 18 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using Acetyl-Histone H4-K5 antibody (STJ117427) 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.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081