

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

STJ117427

GENERAL INFORMATION

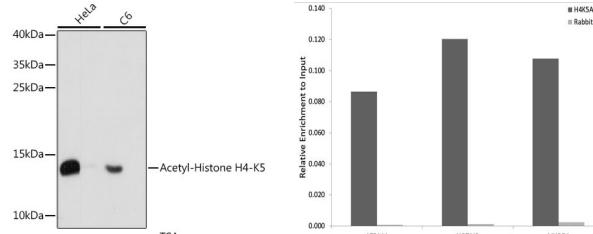
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|--------------------------|--|
| Product Type | Primary antibodies |
| Short Description | Rabbit polyclonal antibody anti-Acetyl-Histone H4-K5 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence. |
| Applications | WB,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

PRODUCT PROPERTIES

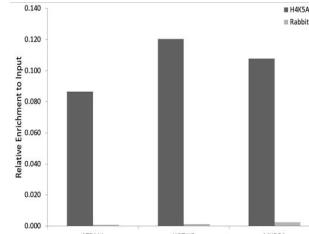
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|----------------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200 ChIP 1:20-1:100 |
| 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 (1μM) for 18 hours. C6 cells were not treated. Cells were lysed 18 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25μg 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) at 1:1000 dilution. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.