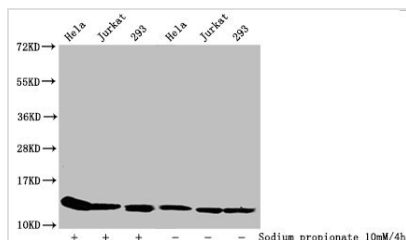




Propionyl-HIST1H4A (K31) Antibody

Product Code	CSB-PA010429OA31propHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62805
Immunogen	Peptide sequence around site of Propionyl-Lys (31) derived from Human Histone H4
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, ChIP; Recommended dilution: WB:1:500-1:2000
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO;
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H4A

Image

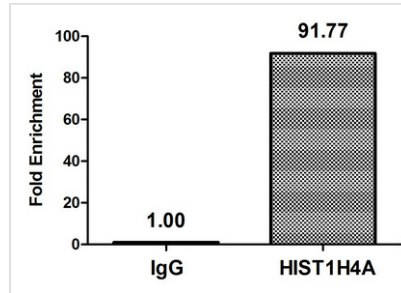


Western Blot

Detected samples: HeLa whole cell lysate, Jurkat whole cell lysate, 293 whole cell lysate; Untreated (-) or treated (+) with 10mM Sodium propionate for 4h

All lanes: HIST1H4A antibody at 1:1000
Secondary

Goat polyclonal to rabbit IgG at 1/40000 dilution
Predicted band size: 12 kDa
Observed band size: 12 kDa



Chromatin Immunoprecipitation HeLa (4×10^6), treated with 10mM sodium propionate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 μ g anti-HIST1H4A (CSB-PA010429OA31propHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.