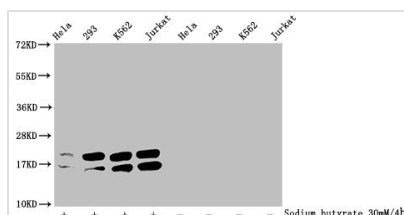




Acetyl-HIST1H1C (K96) Antibody

Product Code	CSB-PA010378PA96acHU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16403
Immunogen	Peptide sequence around site of Acetyl-Lys (96) derived from Human Histone H1.2
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, ICC, IF, IP, ChIP; Recommended dilution: WB:1:1000-1:5000, ICC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000
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 H1.2 (Histone H1c) (Histone H1d) (Histone H1s-1), HIST1H1C, H1F2
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	HIST1H1C

Image



Western Blot

Detected samples: HeLa whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, Jurkat whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h

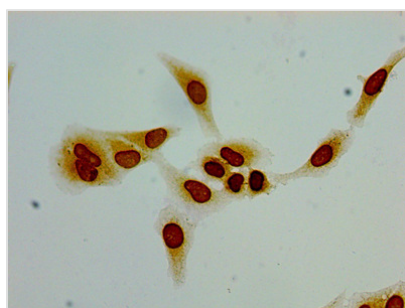
All lanes: HIST1H1C antibody at 1:2000

Secondary

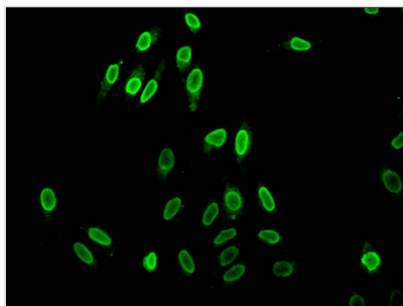
Goat polyclonal to rabbit IgG at 1/40000 dilution

Predicted band size: 22 kDa

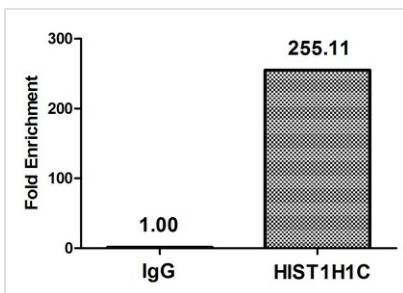
Observed band size: 22 kDa



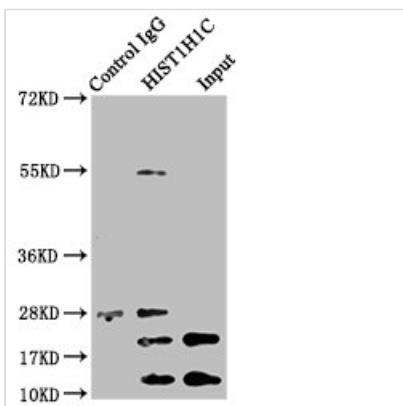
Immunocytochemistry analysis of HeLa cells using CSB-PA010378PA96acHU at dilution of 1:100



Immunofluorescent analysis of HeLa cells (sodium butyrate, 30 mM, 4h) using CSB-PA010378PA96acHU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Chromatin Immunoprecipitation HeLa (4×10^6 , treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8 μ g anti-HIST1H1C (CSB-PA010378PA96acHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunoprecipitating HIST1H1C in HeLa whole cell lysate (treated with 30mM sodium butyrate for 4h)

Lane 1: Rabbit control IgG instead of CSB-PA010378PA96acHU in HeLa whole cell lysate (treated with 30mM sodium butyrate for 4h). For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: CSB-PA010378PA96acHU (5 μ g) + HeLa whole cell lysate (treated with 30mM sodium butyrate for 4h) (500 μ g)

Lane 3: HeLa whole cell lysate (treated with 30mM sodium butyrate for 4h) (20 μ g)

Usage

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