

Datasheet for ABIN7139207
anti-HIST1H1C antibody (acLys96)

5 Images

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Overview

Quantity:	100 µL
Target:	HIST1H1C
Binding Specificity:	acLys96
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H1C antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Peptide sequence around site of Acetyl-Lys (96) derived from Human Histone H1.2
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HIST1H1C
Alternative Name:	HIST1H1C (HIST1H1C Products)
Background:	Background: Histone H1 protein binds to linker DNA between nucleosomes forming the

Target Details

macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).

Aliases: H1 histone family member 2 antibody, H1.a antibody, H12_HUMAN antibody, H1F2 antibody, H1s-1 antibody, HIST1H1C antibody, Histone 1 H1c antibody, Histone cluster 1 H1c antibody, Histone H1.2 antibody, Histone H1c antibody, Histone H1d antibody, Histone H1s-1 antibody, MGC3992 antibody

UniProt: [P16403](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, ICC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

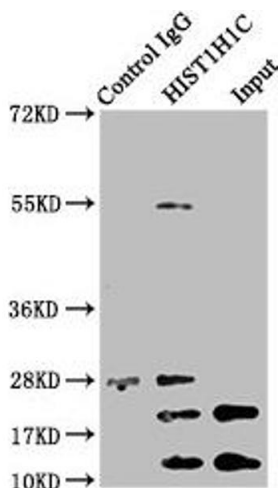
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

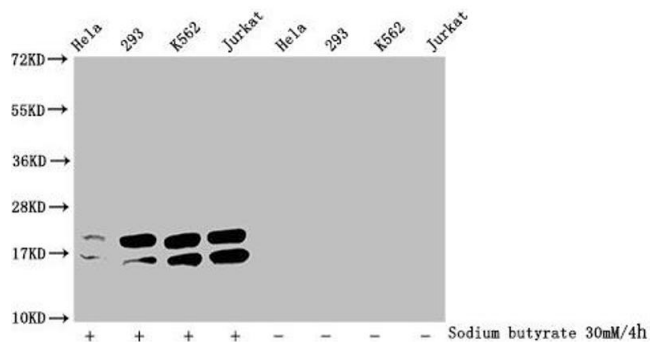
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



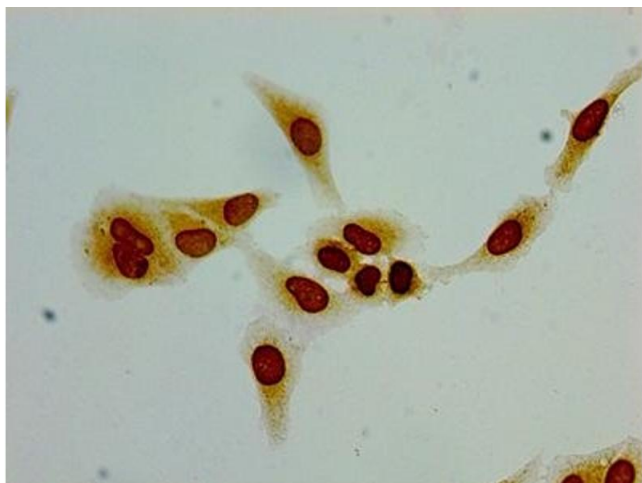
Western Blotting

Image 1. Immunoprecipitating HIST1H1C in HeLa whole cell lysate (treated with 30 mM sodium butyrate for 4h) Lane 1: Rabbit control IgG instead of ABIN7139207 in HeLa whole cell lysate (treated with 30 mM sodium butyrate for 4h). For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7139207 (5 µg) + HeLa whole cell lysate (treated with 30 mM sodium butyrate for 4h) (500 µg) Lane 3: HeLa whole cell lysate (treated with 30 mM sodium butyrate for 4h) (20 µg)



Western Blotting

Image 2. Western Blot Detected samples: HeLa whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, Jurkat whole cell lysate, Untreated (-) or treated (+) with 30 mM 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

Image 3. Immunocytochemistry analysis of HeLa cells using ABIN7139207 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7139207.