Datasheet for ABIN7139162

anti-HIST1H1C antibody (acLys16)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	HIST1H1C
Binding Specificity:	acLys16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H1C antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Peptide sequence around site of Acetyl-Lys (16) 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

Copyright antibodies-online. All rights reserved.

Target Details

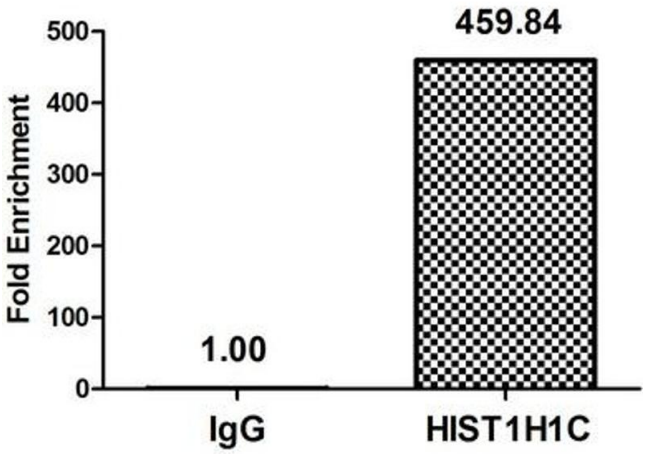
	macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity). 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: ICC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

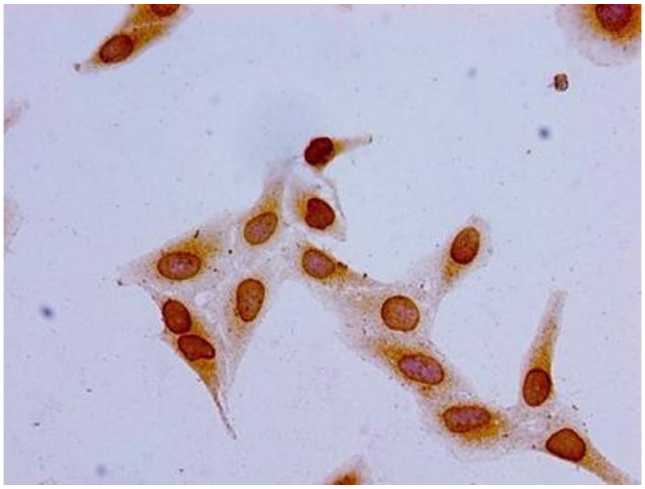
Handling

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.



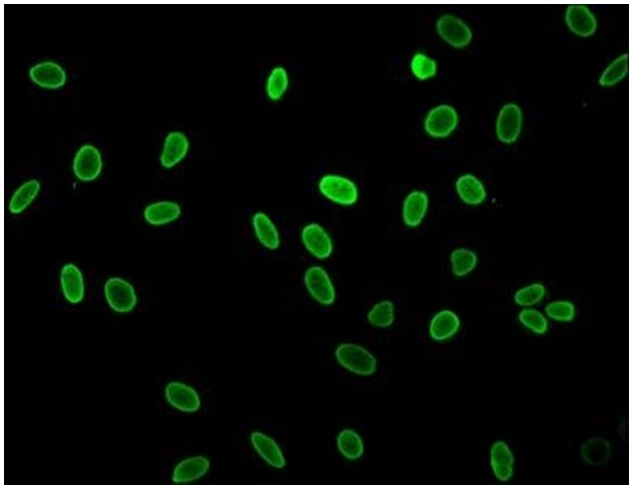
Immunohistochemistry

Image 1. Chromatin Immunoprecipitation Hela (4*10 6 , treated with 30 mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8 µg anti-HIST1H1C (ABIN7139162) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β-Globin promoter.



Immunocytochemistry

Image 2. Immunocytochemistry analysis of Hela cells using ABIN7139162 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of Hela cells (sodium butyrate, 30 mM, 4h) using ABIN7139162 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

 Copyright antibodies-online. All rights reserved.