



[Go to Product page](#)

Datasheet for ABIN7139626

anti-Histone H1.3 antibody (pThr179)

2 Images

Overview

Quantity:	100 µL
Target:	Histone H1.3 (HIST1H1D)
Binding Specificity:	pThr179
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1.3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Peptide sequence around site of Phospho-Thr (179) derived from Human Histone H1.3
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Histone H1.3 (HIST1H1D)
Alternative Name:	HIST1H1D (HIST1H1D Products)
Background:	Background: Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the

Target Details

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 3 antibody, H1.3 antibody, H13_HUMAN antibody, H1F3 antibody, HIST1 H1D antibody, HIST1H1D antibody, Histone 1 H1d antibody, Histone cluster 1 H1d antibody, Histone H1.3 antibody, Histone H1c antibody, MGC138176 antibody

UniProt: [P16402](#)

Application Details

Application Notes: Recommended dilution: IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

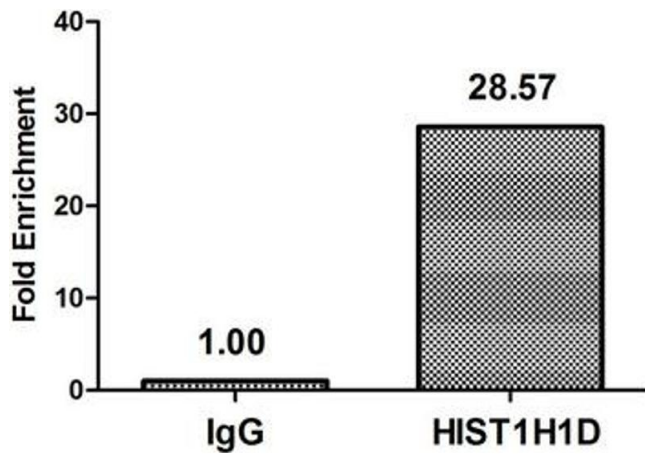
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

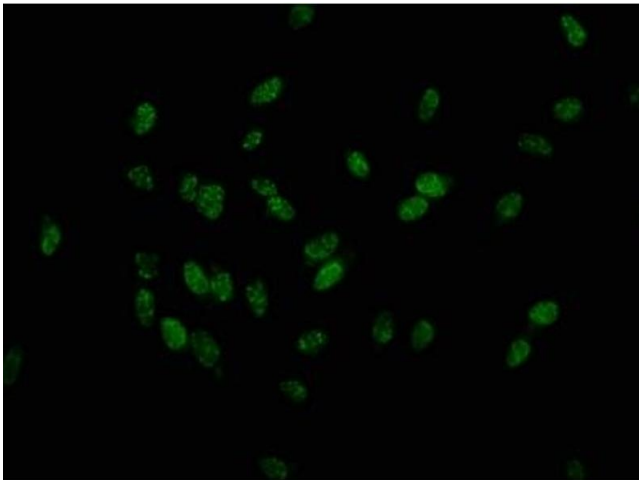
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Chromatin Immunoprecipitation HeLa (4×10^6) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with $5 \mu\text{g}$ anti-HIST1H1D (ABIN7139626) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7139626 at 1:25, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C . The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).