Datasheet for ABIN7181445

anti-Histone H1.3 antibody (AA 137-149)

1 Image

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Overview

Quantity:	100 µL
Target:	Histone H1.3 (HIST1H1D)
Binding Specificity:	AA 137-149
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1.3 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthesized peptide derived from Human Histone H1.3 protein (137-149aa)
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: Histone H1.3 (Histone H1c) (Histone H1s-2), HIST1H1D, H1F3
UniProt:	P16402

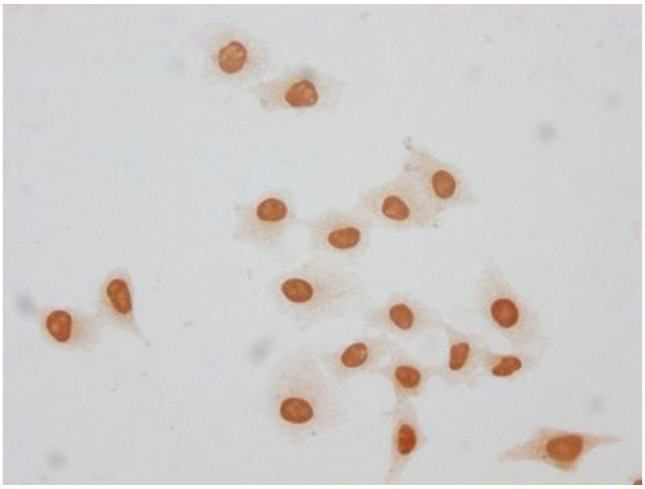
Application Details

Application Notes:	Recommended dilution: ICC:1:10-1:100,
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.

Images



Immunocytochemistry

Image 1. Immunocytochemistry analysis of forHU diluted at 1:20 and staining in Hela cells(treated with 30 mM sodium butyrate for 4h) performed on a Leica BondTM system. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.