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Datasheet for ABIN7139165 anti-HIST1H2BB antibody (acLys16)

3 Images



Overview

Quantity:	100 µL
Target:	HIST1H2BB
Binding Specificity:	acLys16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2BB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

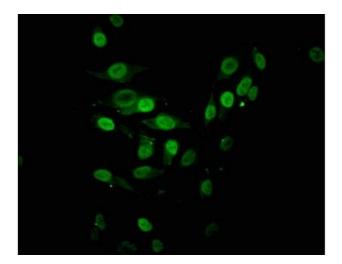
Immunogen:	Peptide sequence around site of Acetyl-Lys (16) derived from Human Histone H2B type 1-B
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	HIST1H2BB
Alternative Name:	HIST1H2BB (HIST1H2BB Products)
Background:	Background: Core component of nucleosome. Nucleosomes wrap and compact DNA into
	chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a

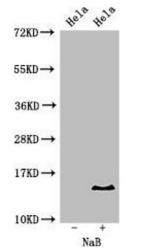
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	template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post- translational modifications of histones, also called histone code, and nucleosome remodeling. Aliases: HIST1H2BB antibody, H2BFFHistone H2B type 1-B antibody, Histone H2B.1 antibody, Histone H2B.f antibody, H2B/f antibody
UniProt:	P33778
Pathways:	Telomere Maintenance
Application Details	
Application Notes:	Recommended dilution: WB:1:100-1:1000, 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.



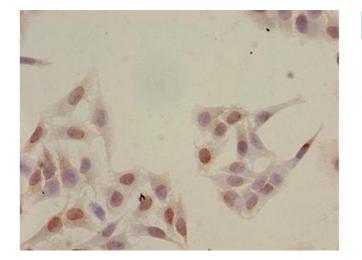
Immunofluorescence

Image 1. Immunofluorescent analysis of Hela cells using ABIN7139165 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: Hela cell acid extracts treated by NaB All lanes: HIST1H2BB antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 14 kDa Observed band size: 14 kDa



Immunocytochemistry

Image 3. Immunocytochemistry analysis of Hela cells using ABIN7139165 at dilution of 1:100

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