Datasheet for ABIN7181496

anti-H2AFZ antibody (AA 2-14)

1 Image

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Overview

Quantity:	100 µL
Target:	H2AFZ
Binding Specificity:	AA 2-14
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFZ antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthesized peptide derived from Human Histone H2A.Z protein (2-14aa)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	H2AFZ
Alternative Name:	H2AFZ (H2AFZ Products)
Background:	Background: Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility

Target Details

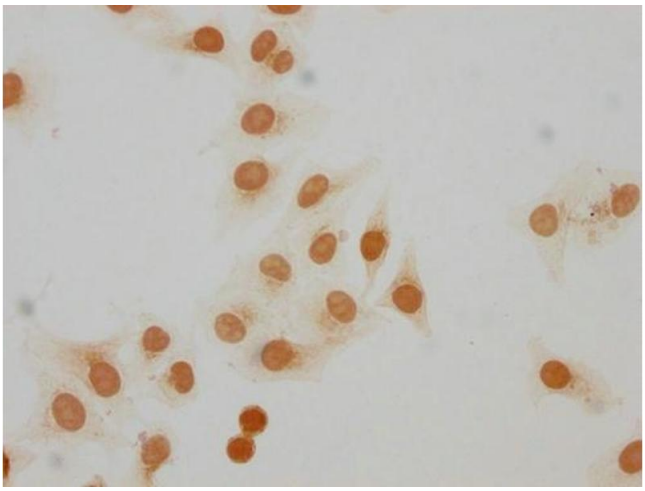
	to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division. Aliases: Histone H2A.Z (H2A/z), H2AFZ, H2AZ
UniProt:	P0C0S5
Pathways:	Telomere Maintenance

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.



Immunocytochemistry

Image 1. Immunocytochemistry analysis of ABIN7181496 diluted at 1:20 and staining in Hela cells 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.