

# Histone H2A.Z Polyclonal Antibody

Catalog # AP74025

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P0C0S5</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	13553

## Additional Information

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<b>Gene ID</b>	3015
<b>Other Names</b>	Histone H2A.Z (H2A/z)
<b>Dilution</b>	WB~~WB 1:500-2000, ELISA 1:10000-20000
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	H2AZ1 ( <a href="#">HGNC:4741</a> )
<b>Function</b>	Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility 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.
<b>Cellular Location</b>	Nucleus. Chromosome.

## Background

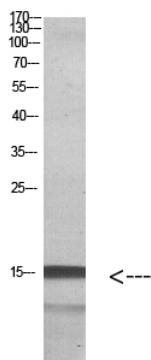
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## Images

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Western blot analysis of HELA Cell Lysate using antibody. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.