

## Histone H2A.Z Polyclonal Antibody

Catalog # AP74025

### Specification

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#### Histone H2A.Z Polyclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">POC055</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

#### Histone H2A.Z Polyclonal Antibody - Additional Information

Gene ID 3015

##### Other Names

Histone H2A.Z (H2A/z)

##### Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

##### Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

##### Storage Conditions

-20°C

#### Histone H2A.Z Polyclonal Antibody - Protein Information

Name H2AZ1 ([HGNC:4741](#))

##### Function

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.

##### Cellular Location

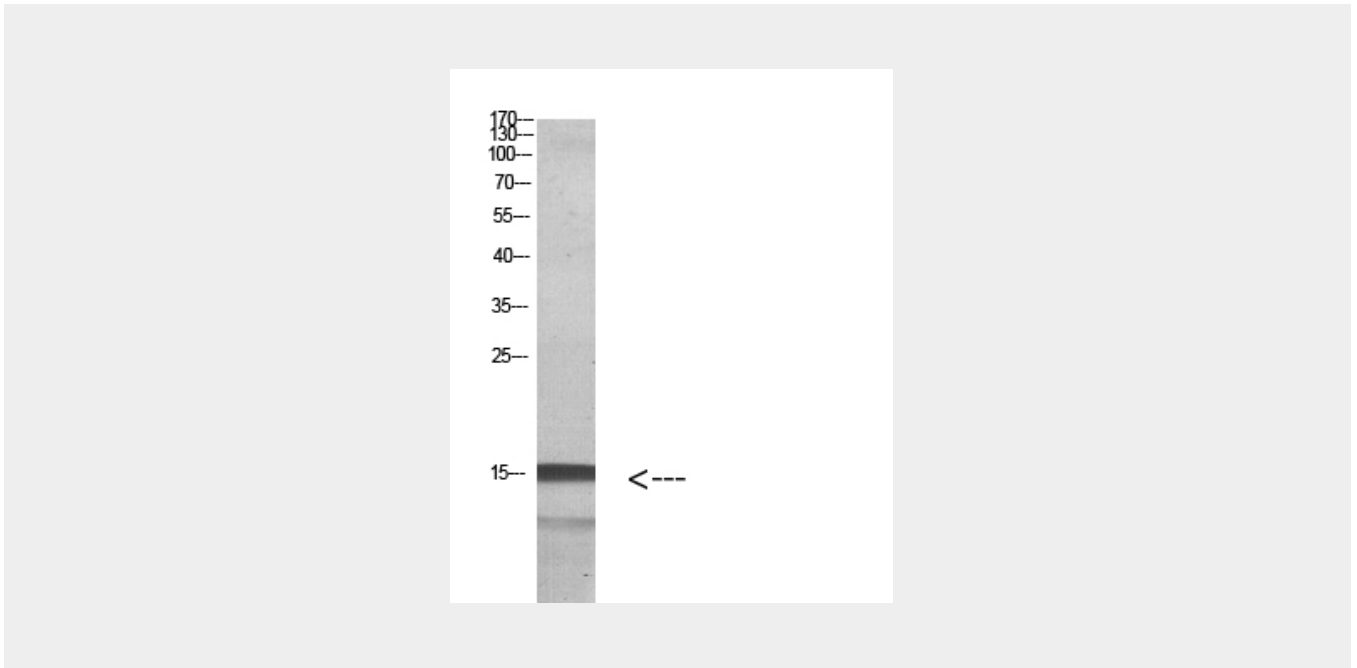
Nucleus. Chromosome.

#### Histone H2A.Z Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Histone H2A.Z Polyclonal Antibody - Images



### Histone H2A.Z Polyclonal Antibody - Background

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.