

#### Histone H2A.Z Rabbit mAb

Catalog # AP75543

## **Specification**

#### Histone H2A.Z Rabbit mAb - Product Information

**Application WB Primary Accession** POCOS5

Reactivity Human, Mouse, Rat

Host Rabbit

Clonality **Monoclonal Antibody** 

Calculated MW 13553

#### Histone H2A.Z Rabbit mAb - Additional Information

**Gene ID 3015** 

**Other Names** 

H2AZ1

Dilution

WB~~1/500-1/1000

**Format** 

Liquid

#### Histone H2A.Z Rabbit mAb - Protein Information

Name H2AZ1 (<u>HGNC:4741</u>)

### **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.

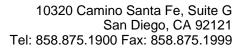
# **Cellular Location**

Nucleus, Chromosome,

# **Histone H2A.Z Rabbit mAb - Protocols**

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

Western Blot





• Blocking Peptides

- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Histone H2A.Z Rabbit mAb - Images

