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Anti-Histone H2A (AcK7) Antibody
Catalog # AP54109

Specification

Anti-Histone H2A (AcK7) Antibody - Product Information

Application	**WB**
Primary Accession	P0C0S5
Other Accession	Q71UI9
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**13553**

Anti-Histone H2A (AcK7) Antibody - Additional Information

Gene ID 3015

Other Names
H2AZ; Histone H2A.Z; H2A/z

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H2A with a site at AcK7. The exact sequence is proprietary.

Dilution
WB~~1:1000

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-Histone H2A (AcK7) 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.

Anti-Histone H2A (AcK7) 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 Cytomety
- Cell Culture

Anti-Histone H2A (AcK7) Antibody - Images

Anti-Histone H2A (AcK7) Antibody - Background

Rabbit polyclonal antibody to Histone H2A (AcK7)