

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 (<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.

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
- <u>Immunohistochemistry</u>
- 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)