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Anti-Histone H2A (AcK9) Antibody

Rabbit polyclonal antibody to Histone H2A (AcK9)
Catalog # AP61491

Specification

Anti-Histone H2A (AcK9) Antibody - Product Information

Application	**WB**
Primary Accession	P0C0S8
Other Accession	P22752
Reactivity	**Human, Mouse, Rat, Chicken, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**14091**

Anti-Histone H2A (AcK9) Antibody - Additional Information

Gene ID 8329;8330;8332;8336;8969

Other Names
H2AFP; H2AFC; H2AFD; H2AFI; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H2A with a site at AcK9. The exact sequence is proprietary.

Dilution
WB~~WB (1/500 - 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 (AcK9) Antibody - Protein Information

Name H2AC11 (HGNC:4737)

Synonyms H2AFP, HIST1H2AG

Function
Core component of nucleosome. 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.

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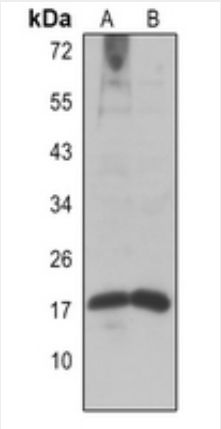
Cellular Location
Nucleus. Chromosome.

Anti-Histone H2A (AcK9) Antibody - Protocols

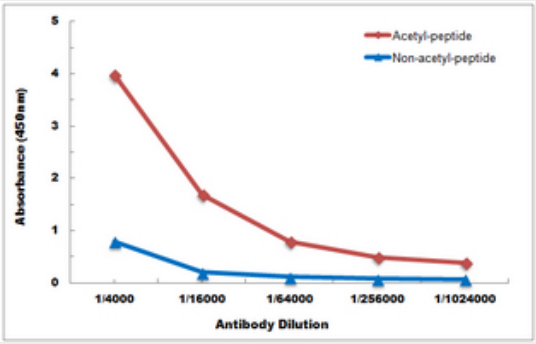
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Histone H2A (AcK9) Antibody - Images



Western blot analysis of Histone H2A (AcK9) expression in Hela (A), H446 (B) whole cell lysates.



Direct ELISA antibody dose-response curve using Anti-Histone H2A (AcK9) Antibody. Antigen (acetyl-peptide and non-acetyl-peptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

Anti-Histone H2A (AcK9) Antibody - Background

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