

Anti-Histone H2A (AcK95) Antibody

Rabbit polyclonal antibody to Histone H2A (AcK95) Catalog # AP61136

Product Information

ApplicationWBPrimary AccessionPOCOS8Other AccessionP22752

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 14091

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

C-term region of human Histone H2A (AcK95). 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

Protein Information

Name H2AC11 (<u>HGNC:4737</u>)

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

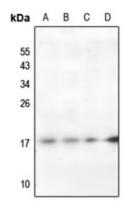
of histones, also called histone code, and nucleosome remodeling.

Cellular Location Nucleus. Chromosome.

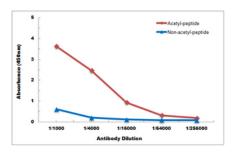
Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone H2A (AcK95). The exact sequence is proprietary.

Images



Western blot analysis of Histone H2A (AcK95) expression in Hela (A), HEK293T (B), 3T3L1 (C), rat lung (D) whole cell lysates.



Direct ELISA antibody dose-response curve using Anti-Histone H2A (AcK95) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.