10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Histone H2A (AcK95) Antibody

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

Product Information

Application	WB
Primary Accession	P0C0S8
Other Accession	P22752
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	Recognizes endogenous levels of Histone H2A (AcK95) protein.
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

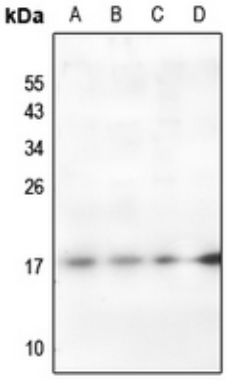
Protein Information

Name	H2AC11 (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.
Cellular Location	Nucleus. Chromosome.

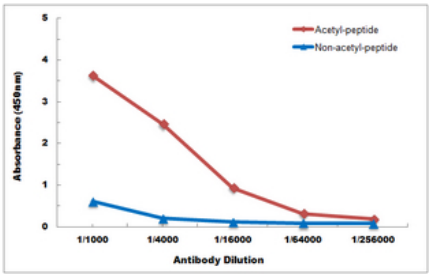
Background

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.