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

Anti-Histone H2A (AcK7) Antibody

Catalog # AP54109

Product Information

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

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

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.

Background

Rabbit polyclonal antibody to Histone H2A (AcK7)

Images

Image not found : 202102/CPA6293_WB.jpg