

Acetyl Histone H2A (K5) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A10210	Rabbit	1 mg/ml	51633

Applications	IHC, WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500-2000 IHC: 1:100 - 1:300. ELISA: 1:5000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Acetyl-Histone H2A (K5) Polyclonal Antibody detects endogenous levels of Histone H2A protein only when acetylated at K5.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H2A around the acetylated site of Lys5. AA range:1-50
Uniprot No	P0C0S5
Alternative names	H2AFZ; H2AZ; Histone H2A.Z; H2A/z
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	H2A histone family member Z(H2AFZ) Homo sapiens Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by RefSeq, Jul 2008],
Other	H2AFZ, Histone H2A.Z

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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