

Histone H2A (phospho Thr121) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A15639	Rabbit	1 mg/ml	14091

Applications	WB,IHC,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	Phospho-Histone H2A (T121) Polyclonal Antibody detects endogenous levels of Histone H2A protein only when phosphorylated at T121.
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 phosphorylation site of Thr121. AA range:81-130
Uniprot No	P0C0S8/P04908/P20671/Q96KK5/Q6FI13/Q7L7L0
Alternative names	HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p; HIST1H2AB; H2AFM; HIST1H2AE; H2AFA; Histone H2A type 1-B/E; Histone H2A.2; Histone H2A/a; Histone H2A/m; HIS
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	histone cluster 1 H2A family member i(HIST1H2AI) Homo sapiens Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

Other HIST1H2AB, Histone H2A type 1-B/E

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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