ELK Biotechnology

Histone H2A (Phospho Ser129) rabbit pAb

Cat No.:ES20581

For research use only

Overview

Product Name	Histone H2A (Phospho Ser129) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB: 1:1000-2000
Immunogen	Synthetic Peptide of Histone H2A (Phospho Ser129)
Specificity	The antibody detects endogenous Histone H2A (Phospho Ser129) protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Histone H2A type 1/Histone H2A type 2/Histone H2A type 3
Gene Name	HIST1H2AG/HIST1H2AI/HIST1H2AK/HIST1H2AL/HIST1H2AM/HIST2H2AA3/HIST2H2AA4/HIST3H2A
Cellular localization	Nucleus. Chromosome.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	14kD
Human	8329/8330/8332/8336/8969/723790/8337/92815

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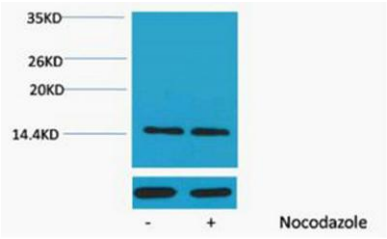
Gene ID	
Human Swiss-Prot Number	P0C0S8/Q6FI13/Q7L7L0
Alternative Names	HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p; HIST2H2AA3; H2AFO; HIST2H2AA; HIST2H2AA4; Histone H2A type 2-A; Histone H2A.2; Histone H2A/o; HIST3H2A; Histone H2A type 3
Background	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],



Western blot analysis of extracts from Hela cells, untreated (-) or treated, 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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