Histone H2A (Phospho Ser129) Polyclonal Antibody

Cat #: ABP50208 Size: 30μl /100μl /200μl

Product Information

	Product Name: Histone H2A (Phospho Ser129) Polyclonal Antibody		
	Applications: WB		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP50208	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

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. HIST1H2AI is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from HIST1H2AI lack polyA tails but instead contain a palindromic termination element. HIST1H2AI is found in the small histone gene cluster on chromosome 6p22-p21.3.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:2000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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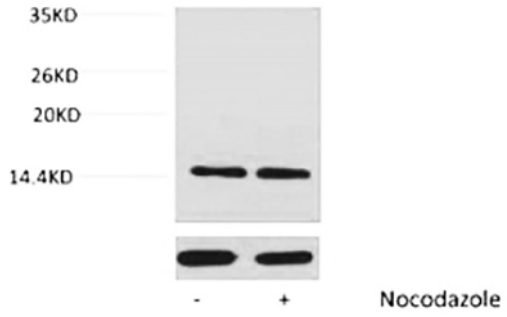	Fig. Western blot analysis of extracts from Hela cells, untreated (-) or treated, 1:5000. Secondary antibody was diluted at 1:20000.

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