



Histone H1 (Phospho Thr3) Polyclonal Antibody

Cat #: ABP50239

Size: 30µl /100µl /200µl

Product Information

	Product Name: Histone H1 (Phospho Thr3) Polyclonal Antibody		
	Applications: WB		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP50239	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 responsible for 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. HIST1H1A is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from HIST1H1A lack polyA tails but instead contain a palindromic termination element. HIST1H1A is found in the large histone gene cluster on chromosome 6.

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.

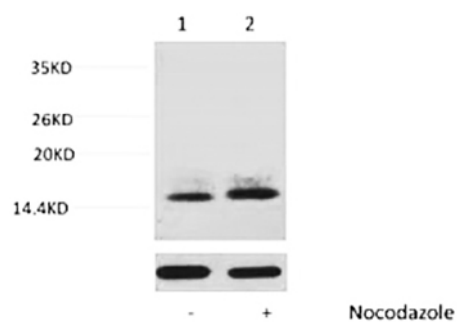


Fig. Western blot analysis of extracts from HeLa cells, untreated (-) or treated, 1:5000. Secondary antibody was diluted at 1:20000.

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