Histone H3 (Acetyl Lys123) Polyclonal Antibody

Catalog # AP63256

Product Information

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Application	WB
Primary Accession	P68431, Q71DI3, P84243, Q6NXT2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15404

Additional Information

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Gene ID	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968
Other Names	HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3; H3F3C; Histone H3.3C; Histone H3.5
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

Name	H3C1 (HGNC:4766)
Synonyms	H3FA, HIST1H3A
Function	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Cellular Location	Nucleus. Chromosome.

Images

hela
170—
130—
100—
70—
55—
40—
35—
25—
15—

Acetyl-Histone H3
(K123)
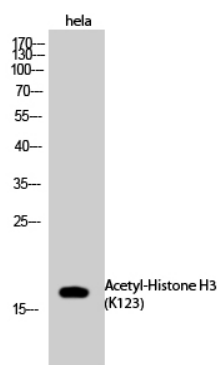
Western Blot analysis of Hela cells using Acetyl-Histone H3 (K123) Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

293T
170—
130—
100—
70—
55—
40—
35—
25—

Acetyl-Histone H3 (K123)

15—
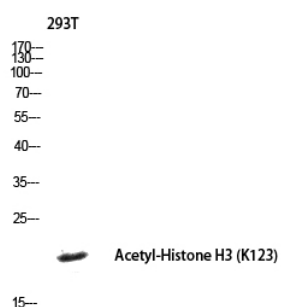
Western blot analysis of 293T lysis using histone3 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000