

Anti-H3K56ac Antibody

CATALOG NO.: A2043-100 (100 µl)

BACKGROUND DESCRIPTION: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack poly A tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

ALTERNATE NAMES: 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), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J, H3FA; H3FL; H3FC; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Acetylation peptide sequence targeting residues around Lysine 56 of human Histone H3.1

MOLECULAR WEIGHT: 16 kDa

PURIFICATION: Antigen specific affinity purification

FORM: Liquid

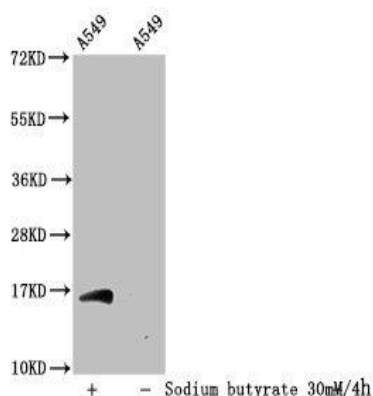
FORMULATION: In 0.01 M PBS, pH 7.4, 50% glycerol, 0.03% proclin 300

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:100-1:1000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



RELATED PRODUCTS:

H3K4ac polyclonal antibody (6818)
 Phospho Histone H3 (Ser10) Antibody (A1943)
 Anti-Histone H3 pan, Rabbit Monoclonal Antibody (A1141)
 H3K27ac polyclonal antibody (6869)