



## Histone H3(Acetyl Lys27) Rabbit Polyclonal Antibody

E12-242

**Catalog Number:** E12-242**Amount:** 100µg/100µl**Alternative Names:** H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody

**Background:** Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.

**Form of Antibody:** PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.

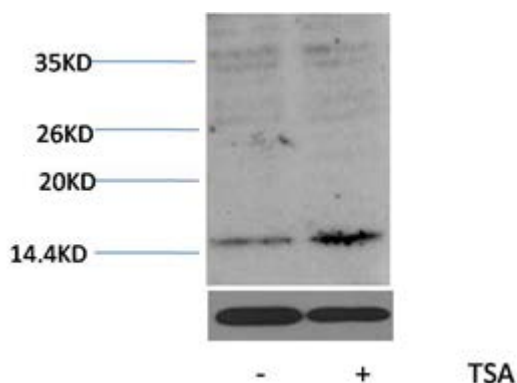
**Storage/Stability:** Store at -20°C/1 year. Do not aliquot the antibody.

**Specificity/Sensitivity:** The Histone H3(Acetyl Lys27) Rabbit Polyclonal Antibody can detects endogenous Histone H3 (Acetyl Lys27) protein.

**Reactivity:** H, R, M

**Applications:** WB: 1:200-500

**Molecular Weight:** ~15-17KD



Western blot analysis of extracts from Hela cells, untreated (-) or treated with TSA (1µM, 18 hr; +), using Acetyl-Histone H3 (Lys27) Rabbit pAb (upper) E12-2421:1000 and Histone H3 (1G1) Mouse mAb (lower) E12-055 1:2000

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