



## Acetyl-Histone H3 (Lys27) Rabbit pAb

db3635 Package : 20μL 50μL 100μL

Product Name: Acetyl-Histone H3 (Lys27) Rabbit pAb

Cat.No.: db3635

Synonyms: H3/i; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J

Application: WB, IHC, ICC/IF, FC, IP, ChIP

Reactivity: Human, Mouse, Rat

Host species: Rabbit

**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. This gene is intronless

and encodes a replication-dependent histone that is a member of the histone H3 family.

Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by

RefSeq, Aug 2015]

**Immunogen** A synthetic acetyl-peptide corresponding to residues surrounding Lys27 of human Histone H3

Gene ID 8356

Swiss Prot P68431

**Synonyms** H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J

Reactivity Human, Mouse, Rat

**Application** WB, IHC, ICC/IF, FC, IP, ChIP

Recommended dilution WB: 1:1000

IHC: 1:500

ICC/IF: 1:1000

FC: 1:20 ChIP: 1:20

Calculated MW 15 kDa

**Observed MW** 17 kDa

Host species Rabbit



## For Research Use Only **Product Datasheet**

**Clonality** Polyclonal

**Isotype** IgG

**Purity** Affinity Purification

**Conjugation** Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.