
Product Information

Product SKU:	CAB15619	Gene ID:	3017/8349	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat,Other (Wide Range Predicted)

Additional Information

Observed MW:	14kDa	Conjugate:	Unconjugated
Calculated MW:	14kDa	Isotype:	IgG

Immunogen Information

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 encodes a replication-dependent histone that is a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity.

Recommended Dilution: WB:1:500 - 1:1000 IHC-P:1:50 - 1:200 IF/ICC:1:50 - 1:200 ChIP:5µg antibody for 5µg-10µg of Chromatin

Synonyms: H2B; H2BE; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105; H2B-GL105; HIST2H2BE; Acetyl-Histone H2B-K12

Purification Method: Affinity purification

Immunogen: A synthetic acetylated peptide around K12 of human Histone H2B (NP_003519.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.