

## HIST2H2BE

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**14kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human HIST2H2BE

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105;

**Catalog #:**A1958

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8349

**Isotype:**IgG

**Swiss Prot:**Q16778

**Purity:**Affinity purification

For research use only.

**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 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.

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