ELK Biotechnology

# Histone H2B (Acetyl Lys109) rabbit pAb

## Cat No.:ES20075

**For research use only**

### Overview

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| **Product Name** | Histone H2B (Acetyl Lys109) rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB; ELISA |
| **Species Cross-Reactivity** | Human;Mouse;Rat |
| **Recommended dilutions** | WB 1:1000-2000 ELISA 1:5000-20000 |
| **Immunogen** | Synthesized peptide derived from human Histone H2B (Acetyl Lys109) |
| **Specificity** | This antibody detects endogenous levels of Human,Mouse,Rat Histone H2B (Acetyl Lys109) |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20℃. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Histone H2B (Acetyl Lys109) |
| **Gene Name** | HIST1H2BA TSH2B |
| **Cellular localization** | Nucleus . Chromosome . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 14kD |
| **Human Gene ID** | 255626 |
| **Human Swiss-Prot Number** | Q96A08 |
| **Alternative Names** | Histone H2B type 1-A (Histone H2B, testis;Testis-specific histone H2B) |
| **Background** | Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq, Aug 2015],