



# Histone H2B (Acetyl Lys121) rabbit pAb

Cat No.:ES20077

For research use only

## Overview

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>             | Histone H2B (Acetyl Lys121) rabbit pAb                                                                                                                                                                                                                                                                                                                                                               |
| <b>Host species</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>             | WB; ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Recommended dilutions</b>    | WB 1:1000-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                | Synthesized peptide derived from human Histone H2B (Acetyl Lys121)                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>              | This antibody detects endogenous levels of Human,Mouse,Rat Histone H2B (Acetyl Lys121)                                                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>                  | Store at -20°C . Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Name</b>             | Histone H2B (Acetyl Lys121)                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                | HIST1H2BA TSH2B                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cellular localization</b>    | Nucleus . Chromosome .                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>                | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>            | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Observed band</b>            | 14kD                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Human Gene ID</b>            | 255626                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Human Swiss-Prot Number</b>  | Q96A08                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Alternative Names</b>        | Histone H2B type 1-A (Histone H2B, testis;Testis-specific histone H2B)                                                                                                                                                                                                                                                                                                                               |
| <b>Background</b>               | 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 |





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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],



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