

Histone H2B Polyclonal Antibody

CATALOG NO:	3622-30T	30 µg (Trial size)
	3622-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide corresponding to the N-terminus of human Histone H2B (Internal ID# BV-502)	

FORMULATION:

0.5 mg/ml peptide affinity purified rabbit anti-Histone H2B polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

SPECIES REACTIVITY: Human, Mouse, Rat

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

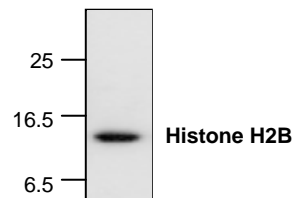
The nucleosome is made up of four core histone proteins (H2A, H2B, H3 and H4) and is the primary building block of chromatin. The N-terminal tail of core histones undergoes different posttranscriptional modification including acetylation, phosphorylation and methylation. These modifications occur in response to cell signal stimuli and have a direct effect on gene expression.

APPLICATION AND USAGE:

The antibody can be used in Western blotting (0.5-4 µg/ml) and immunoprecipitation (20-30 µg/ml). However, the optimal conditions should be determined individually.

SPECIFICITY:

The antibody detects ~14 kDa histone H2B protein. It does not cross-react with other histones.

**Cat.# 3622-100**

Western blot analysis of Histone H2B expression with Jurkat cell lysate.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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- Senescence Detection Kit
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