

Polyclonal Antibody to Histone H2B - Affinity Purified

Alternate names:	H2B Histone Family, HIST1H2B
Catalog No.:	TA318930
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
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.
Host:	Rabbit
Immunogen:	Synthetic peptide corresponding to the N-terminus of human Histone H2B
Format:	State: Liquid purified Ig Purification: Peptide affinity purified Buffer System: PBS, pH 7.2, containing 50 % glycerol, 1% BSA, 0.02% sodium azide
Applications:	Western Blot: 1 µg/ml. Immunoprecipitation: 20-30 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody detects ~14 kDa histone H2B protein. It does not cross-react with other histones. Species: Human, Mouse, Rat. Other species not tested.
Storage:	Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

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

