

Histone H2B (Acetyl-Lys12) Antibody [#D0004]

Catalog Number:	D0004
Concentration:	1mg/ml
Swiss-Prot No.:	P57053
Other Names:	Histone cluster 1, H2bb,H2B.1; H2B/f; H2BFF, H2B histone family, member F,histone 1, H2bb
All Sites:	Human: Lys12; Mouse: Lys12; Rat: Lys12
Storage/Stability:	Store at -20°C/1 year
Form of Antibody:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen:	The antiserum was produced against synthesized acetylated peptide derived from human Histone H2B around the acetylation site of lysine 12 (P-K ^A -G-S).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific acetylated peptide. The antibody against non-acetylated peptide was removed by chromatography using non-acetylated peptide corresponding to the acetylation site.
Specificity:	Histone H2B (Acetyl-Lys12) antibody detects endogenous levels of Histone H2B only when acetylated at lysine 12.
Reactivity:	Human, Mouse, Rat
Applications:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
References:	Michael A. Parra, Mol. Cell. Biol., May 2006; 26: 3842 - 3852. Fiona A. Myers, J. Biol. Chem., Sep 2003; 278: 36315 - 36322. Débora Bonenfant, Mol. Cell. Proteomics, Mar 2006; 5: 541 - 552.