Histone H3 (Acetyl-Lys9) Antibody［#D0006］

Catalog Number:	D0006
Concentration:	1mg/ml
Swiss-Prot No.:	P84243
Other Names:	H3/a, H3/c, H3/d, H3/f, H3/h, H3/i, H3/j, H3/k, H3/l, H31, HIST1H3A, histone H3.1
All Sites:	Human: Lys9; Mouse: Lys9; Rat: Lys9
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 H3 around the acetylation site of lysine 9 (A-R-K^{A}-S-T).
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 H3 (Acetyl-Lys9) antibody detects endogenous levels of Histone H3 only when acetylated at lysine 9.
Reactivity:	Human, Mouse, Rat
Applications:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:500~1:1000 ELISA: 1:10000
References:	KW Marvin, J. Biol. Chem., Nov 1990; 265: 19839 - 19847. TA Chen, J. Biol. Chem., Apr 1991; 266: 6489 - 6498. Michael J. Hendzel, Mol. Biol. Cell, Sep 1998; 9: 2491.