

## Histone H3 (Acetyl-Lys14) Antibody [#D0007]

<b>Catalog Number:</b>	D0007
<b>Concentration:</b>	1mg/ml
<b>Swiss-Prot No.:</b>	P84243
<b>Other Names:</b>	H3/a, H3/c, H3/d, H3/f, H3/h, H3/i, H3/j, H3/k, H3/l, H31, HIST1H3A, histone H3.1
<b>All Sites:</b>	Human: Lys14; Mouse: Lys14; Rat: Lys14
<b>Storage/Stability:</b>	Store at -20°C/1 year
<b>Form of Antibody:</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Immunogen:</b>	The antiserum was produced against synthesized acetylated peptide derived from human Histone H3 around the acetylation site of lysine 14 (G-G-K <sup>P</sup> -A-P).
<b>Purification:</b>	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.
<b>Specificity:</b>	Histone H3 (Acetyl-Lys14) antibody detects endogenous levels of Histone H3 only when acetylated at lysine 14.
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	IF: 1:100~1:500 ELISA: 1:5000
<b>References:</b>	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.