

## Histone H1 (Acetyl-Lys25) Antibody [#D0001]

- Catalog Number:** D0001
- Amount:** 50µg/50µl, 100µg/100µl, 200µg/200µl
- Swiss-Prot No. :** Q86WT7
- All Names:** H1, H1 histone family, member 5, H1.5, H15, H1F5, HIST1H1B, histone 1, histone H1.5, histone H1a
- All Sites:** Human: Lys25; Mouse: Lys25
- Form of Antibody:** 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.
- Storage/Stability:** Store at -20°C/1 year
- Immunogen:** The antiserum was produced against synthesized acetylated peptide derived from human Histone H1 around the acetylation site of lysine 25 (E-A-K<sup>A</sup>-E-D).
- 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/Sensitivity:** Histone H1 (acetyl-Lys25) antibody detects endogenous levels of Histone H1 only when acetylated at lysine 25.
- Reactivity:** Human, Mouse
- Applications:** WB: 1:200~1:500      IHC: 1:50~1:100  
ELISA: 1:20000
- References:** Torben Lüders, Antimicrob. Agents Chemother., Jun 2005; 49: 2399 - 2406.  
Herbert Lindner, J. Biol. Chem., May 1998; 273: 13324.  
R Lin, R G Cook, Genes & Dev., Sep 1991; 5: 1601 - 1610.  
JA Ridsdale, J. Biol. Chem., Mar 1990; 265: 5150 - 5156.