



Histone H3.1 (Ab-3) Antibody

E022022

Catalog Number: E022022-1, E022022-2

Amount: 50µg/50µl, 100µg/100µl

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.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human Histone H3.1 around the phosphorylation site of Threonine 3.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Histone H3.1 (Ab-3) antibody detects endogenous levels of total Histone H3.1 protein.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000

Swiss-Prot No. : P68431

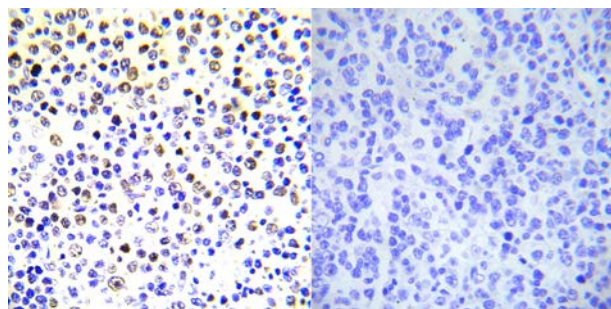
References: Bonenfant D, et al. (2007) Mol Cell Proteomics 6, 1917-32

Dai J, Sultan S, Taylor SS, Higgins JM (2005) Genes Dev 19, 472-88

Strahl, B.D. and Allis, C.D. (2000) Nature 403, 41-45.

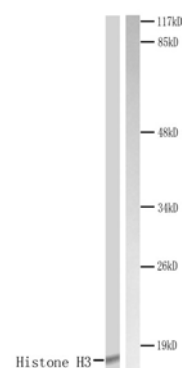
Cheung, P. et al. (2000) Cell 103, 263-271.

Hendzel, M.J. et al. (1997) Chromosoma 106, 348-360.



Peptide - +

Immunohistochemical analysis of paraffin-embedded human malignant lymphoma tissue using Histone H3.1 (Ab-3) antibody (E022022).



Western blot analysis of extracts from COLO205 cells. Left: Using Histone H3.1 (Ab-3) antibody (E022022). Right: Using the same antibody preincubated with synthesized peptide.

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