

Histone H3.1 (Ab-10) Antibody

Catalog Number: E021137-1, E021137-2

Amount: 50μg/50μl, 100μg/100μl

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 serine 10 (R-K-S^P-T-G).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

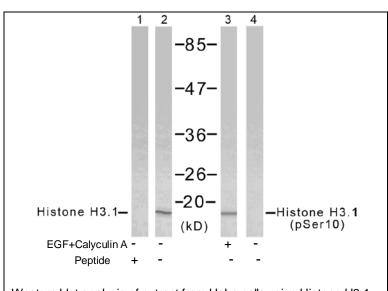
Specificity/Sensitivity: Histone H3.1 (Ab-10) antibody detects endogenous levels of total Histone H3.1 protein.

Reactivity: Human, Mouse, Rat **Applications:** WB: 1:500~1:1000

Swiss-Prot No.: P68431

References: Dai J, et al. (2005) Genes Dev 19(4): 472-488.

Yih LH, et al. (2005) Carcinogenesis 26(1): 53-63.



Western blot analysis of extract from HeLa cells using Histone H3.1 (Ab-10) antibody (E021137, Lane 1 and 2) and Histone H3.1 (phospho-Ser10) antibody (E011184, Lane 3 and 4).