

Product Datasheet

Histone H3 (tri methyl K27) Antibody

Catalog No: CY9075

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF CHIP



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Information

UniProt ID: P68431

All Names: H3 histone; HIST1H3A; Histone cluster 1, H3a;H3/I; HIST3H3;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 15kDa

Application

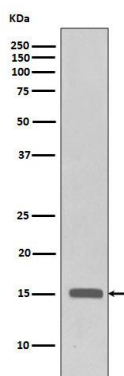
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and two H2A-H2B heterodimers.



Western blot analysis of Histone H3 (tri methyl K27) expression in HeLa cell lysate.

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