

Product Datasheet

Histone H3 Antibody

Catalog No: CY6587

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P68431

All Names: Histone H3.1, Histone H3, HIST1H3A;

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.: 15 kDa

Application

WB 1:1000~1:2000

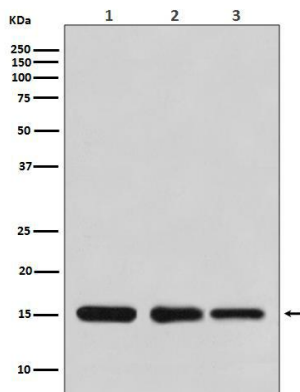
IHC 1:50~1:200

ICC/IF 1:100~1:500

FC 1:50

Background

Belongs to the histone H3 family. 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.



Western blot analysis of Histone H3 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) Rat brain lysate.

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