

Product Name: Histone H3 Rabbit Monoclonal Antibody

Catalog #: AMRe03904

For research use only.

Summary

Description Recombinant rabbit monoclonal antibody

Host Rabbit

Application WB,ICC/IF,IP

Reactivity Human, Mouse, Rat **Conjugation** Unconjugated

Modification Unmodified

Isotype IgG

Clonality Monoclonal
Form Liquid

Concentration 0.5mg/ml. The concentration of this product may be batch-dependent.

Storage Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

Shipping Ice bags

Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and **Buffer**

0.05% protective protein.

Purification Affinity Purification

Application

Dilution Ratio WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50

Molecular Weight Calculated MW:15 kDa;Observed MW: 17 kDa

Antigen Information

Gene Name H3C1

H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3A; H3F3A; H3F3B;

Alternative Names

Histone H3.3

 Gene ID
 8350

 SwissProt ID
 P68431

Immunogen A synthetic peptide corresponding to target protein

Background

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the

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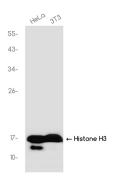


cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H3 in HeLa, 3T3 lysates using Histone H3 antibody.

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