

H4C1 RABBIT PAB

Cat.#: S219437

Product Name: Anti-H4C1 Rabbit Polyclonal Antibody

Synonyms: H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4FA; H4-16; H4C11; H4C12; H4C13; H4C14; H4C15; HIST1H4A

UNIPROT ID: P62805 (Gene Accession - BC069654)

Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Immunogen: Fusion protein of human H4C1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50–200;WB: 500–2000;ELISA: 5000–10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

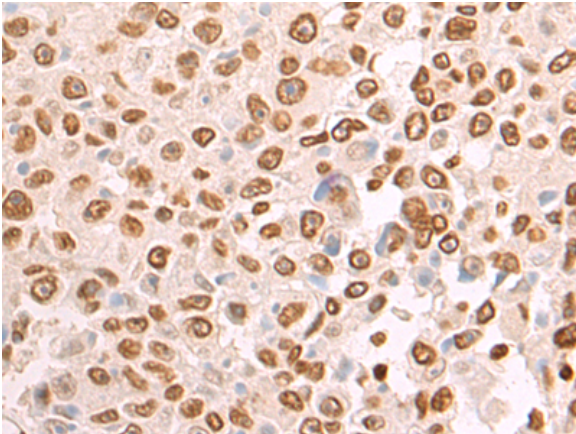
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

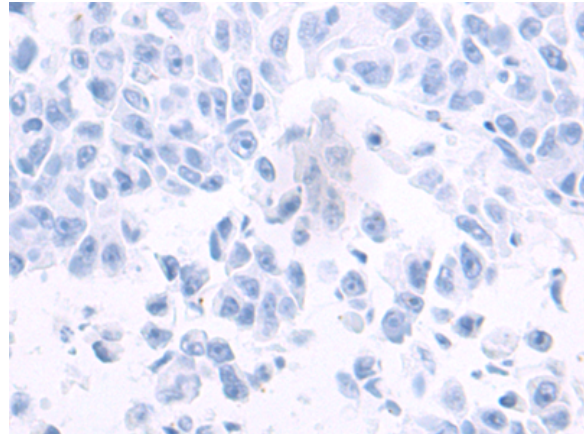
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

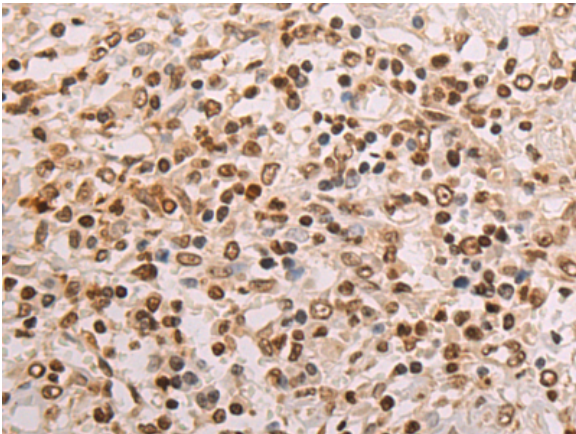
Storage & Shipping: Store at –20°C. Avoid repeated freezing and thawing



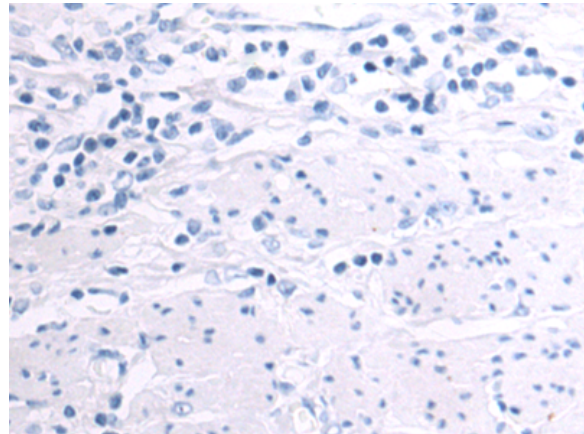
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219437(H4C1 Antibody) at a dilution of 1/50(Nucleus).



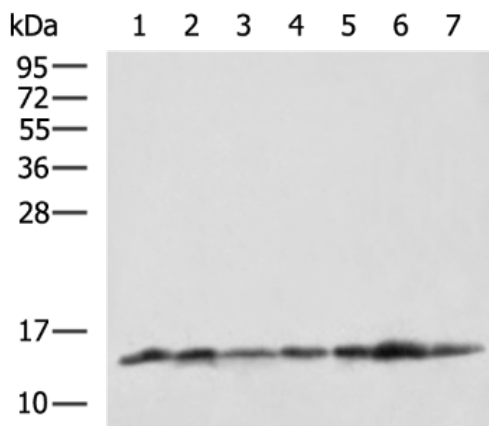
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219437(Anti-H4C1 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 219437(Anti-H4C1 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D227016(Anti-H4C1 Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane 1-7: Human cerebella tissue, 293T cell, Mouse spleen tissue, HepG2 cell, Hela cell, Mouse fetal brain tissue, NIH/3T3 cell lysates;
Primary antibody: 219437(H4C1 Antibody) at dilution 1/600;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 20 seconds

