

## 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

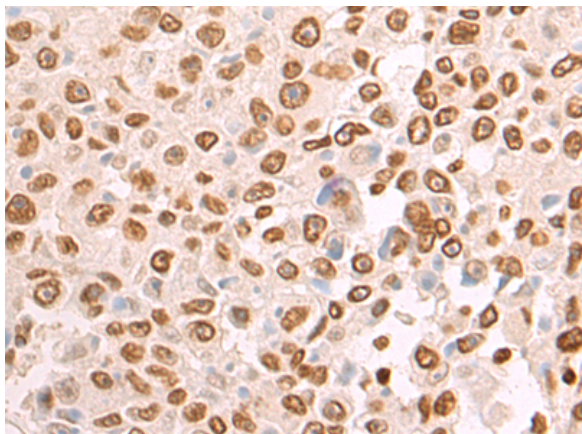
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

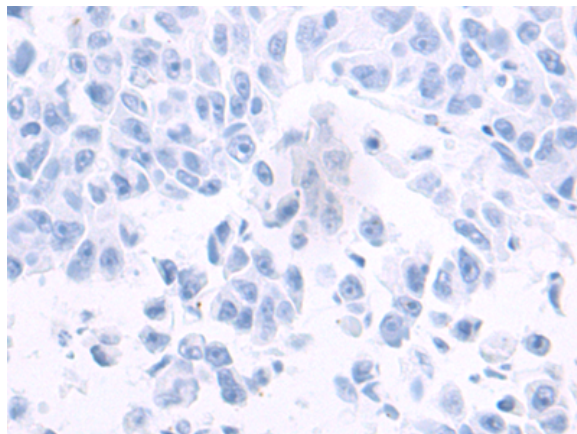
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

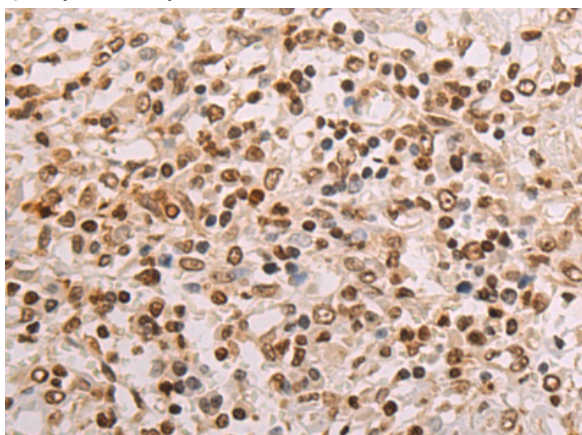
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



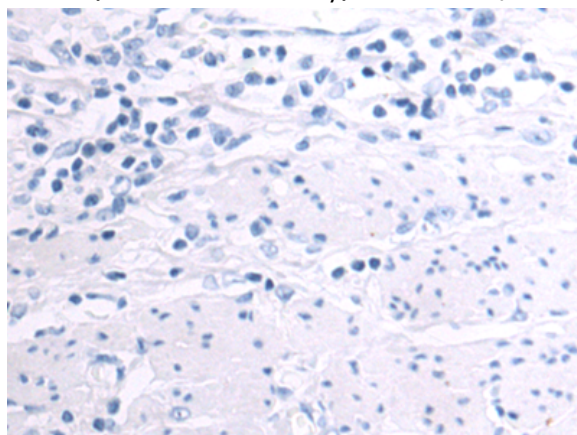
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219437(H4C1 Antibody) at a dilution of 1/50(Nucleus).



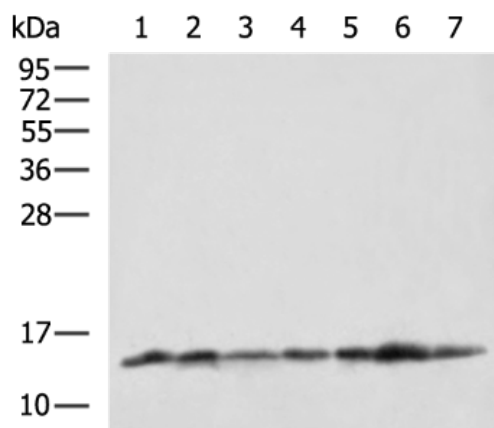
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219437(Anti-H4C1 Antibody) at dilution 1/50.



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



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

---