

H2AC12 RABBIT PAB

Cat.#: S217503

Product Name: Anti-H2AC12 Rabbit Polyclonal Antibody

Synonyms: H2AH; H2A/S; H2AFALii; HIST1H2AH; dJ86C11.1

UNIPROT ID: Q96KK5 (Gene Accession - NP_542163)

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 H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq, Aug 2015]

Immunogen: Fusion protein of human H2AC12

Applications: ELISA, WB, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

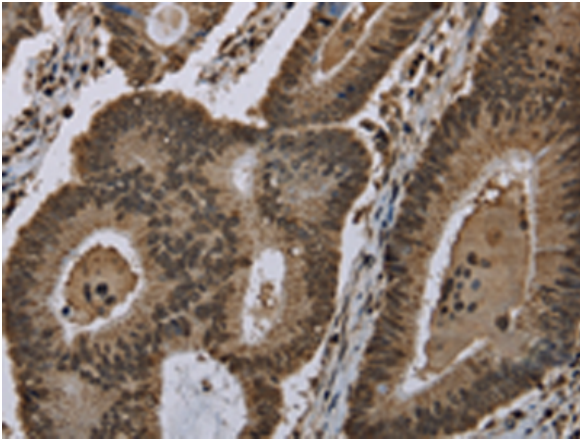
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

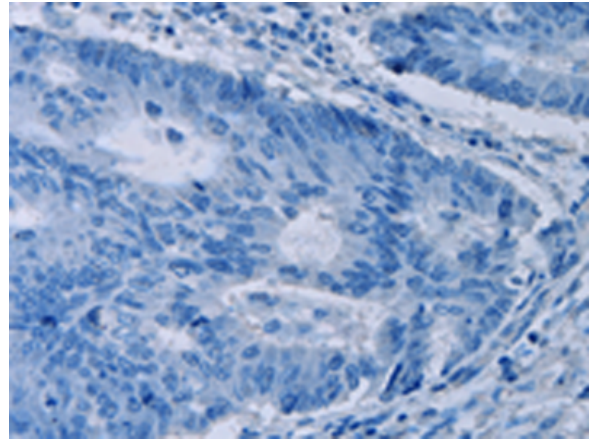
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

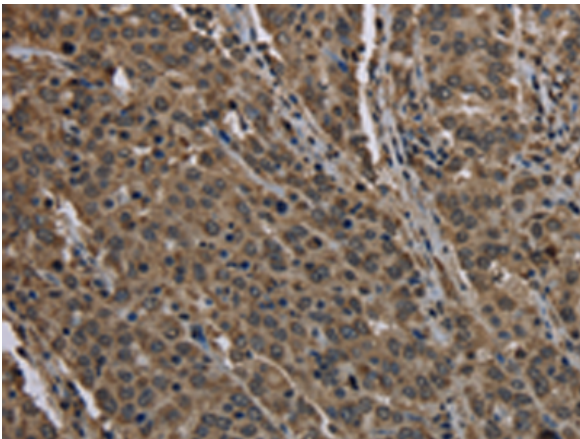
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



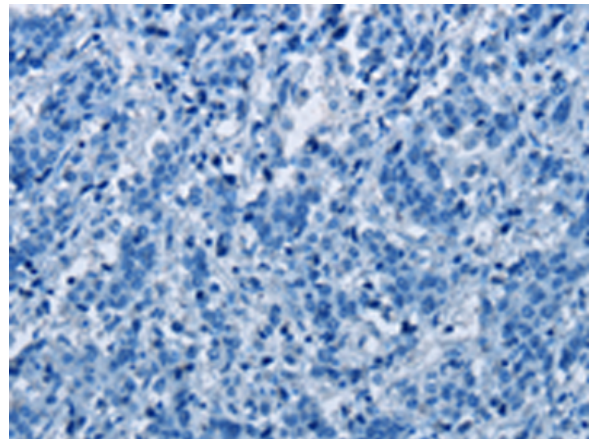
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 217503(H2AC12 Antibody) at a dilution of 1/40(Nucleus).



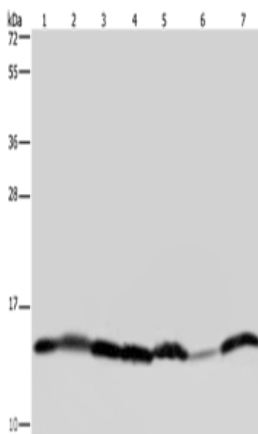
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 217503(Anti-H2AC12 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217503(Anti-H2AC12 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D222480(Anti-H2AC12 Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane 1-7: Mouse liver tissue, HepG2 cells, 293T cells,
Hela cells, Raji cells, A375 cells, K562 cells;
Primary antibody: 217503(H2AC12 Antibody) at
dilution 1/450;
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution;
Exposure time: 20 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
