

## H4C16 RABBIT PAB

**Cat.#:** S217504

**Product Name:** Anti-H4C16 Rabbit Polyclonal Antibody

**Synonyms:** H4/p; H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4-16; H4C11; H4C12; H4C13; H4C14; H4C15; HIST4H4

**UNIPROT ID:** P62805 (Gene Accession - BC020884 )

**Background:** Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin 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; instead, they contain a palindromic termination element. [provided by RefSeq, Aug 2015]

**Immunogen:** Fusion protein of human H4C16

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

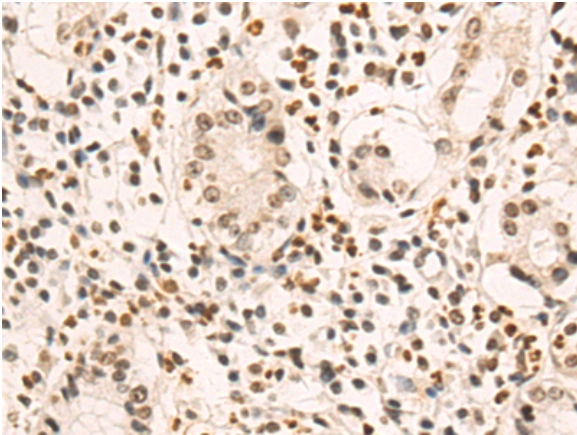
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

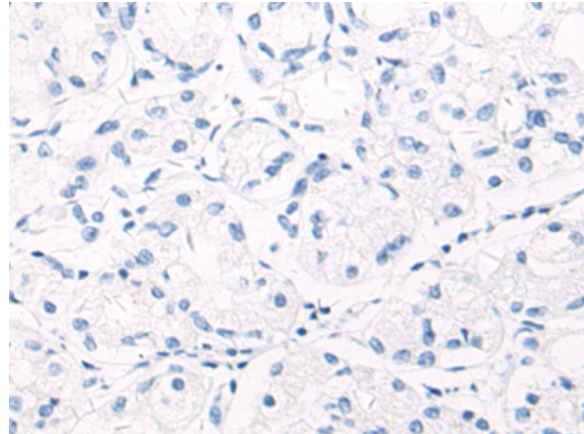
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

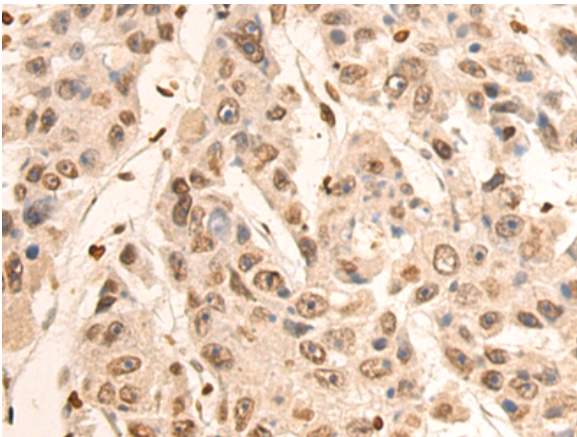
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



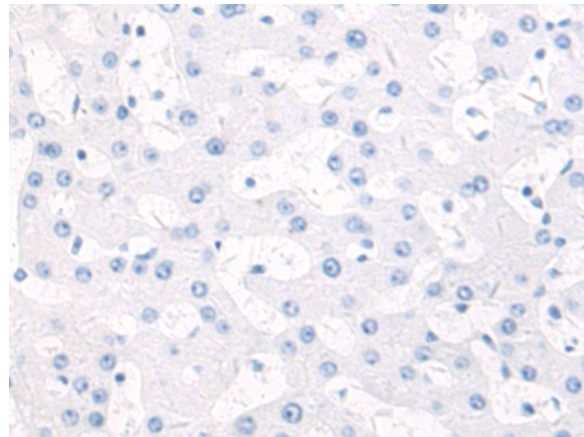
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 217504(H4C16 Antibody) at a dilution of 1/80(Nucleus).



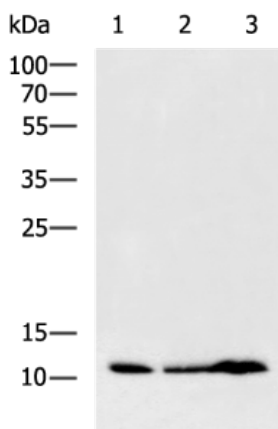
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 217504(Anti-H4C16 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217504(Anti-H4C16 Antibody) at a dilution of 1/80.



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 D222482(Anti-H4C16 Antibody) at dilution 1/80.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: LOVO cell, Mouse placenta tissue, Hela cell lysates;  
 Primary antibody: 217504(H4C16 Antibody) at dilution 1/1200;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 10 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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