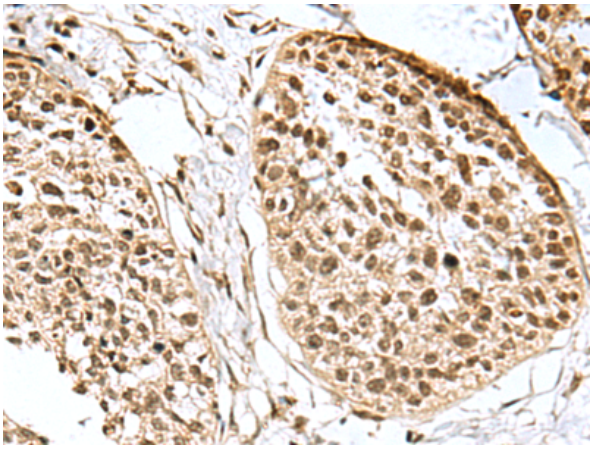
H2AJ RABBIT PAB

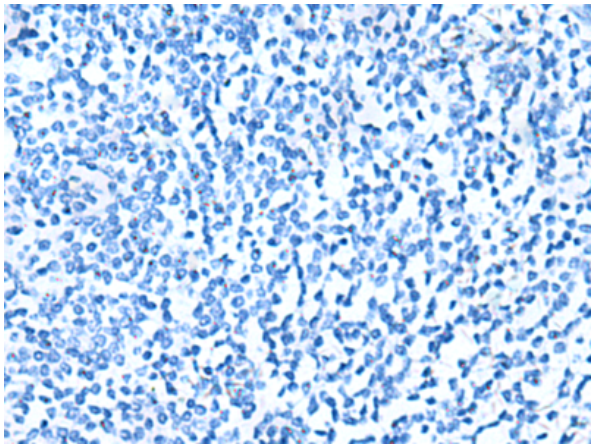
Cat.#: S219198
Product Name: Anti-H2AJ Rabbit Polyclonal Antibody
Synonyms: H2AFJ
UNIPROT ID: Q9BTM1 (Gene Accession - BC003602)
Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 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 located on chromosome 12 and encodes a replication-independent histone that is a variant H2A histone. The protein is divergent at the C-terminus compared to the consensus H2A histone family member. This gene also encodes an antimicrobial peptide with antibacterial and antifungal activity.[provided by RefSeq, Oct 2015]
Immunogen: Fusion protein of human H2AJ
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 200-300;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, Rat
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

Product Description

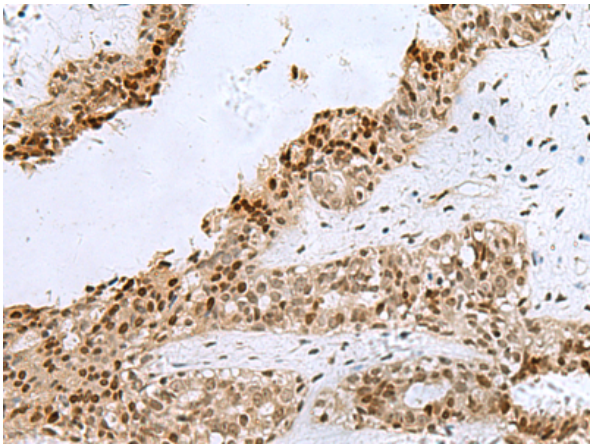
Pioneering GTPase and Oncogene Product Development since 2010



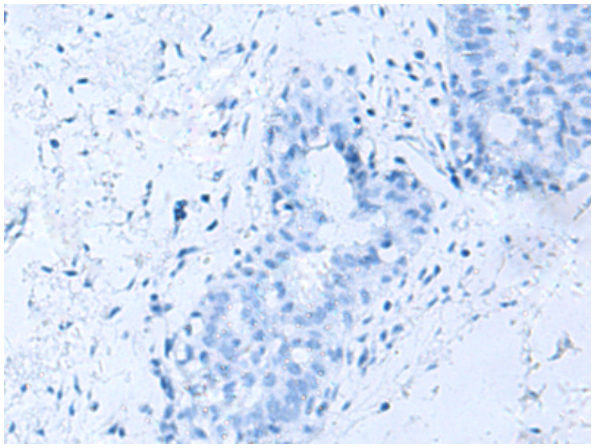
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219198(H2AJ Antibody) at a dilution of 1/170(Nucleus).



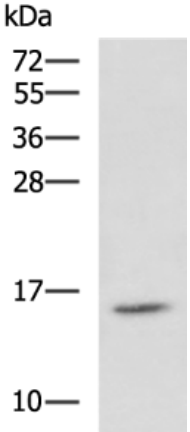
In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 219198(Anti-H2AJ Antibody) at dilution 1/170.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 219198(Anti-H2AJ Antibody) at a dilution of 1/170.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D226037(Anti-H2AJ Antibody) at dilution 1/170.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane: Jurkat cell lysate;
Primary antibody: 219198(H2AJ Antibody) at dilution 1/800;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 30 seconds