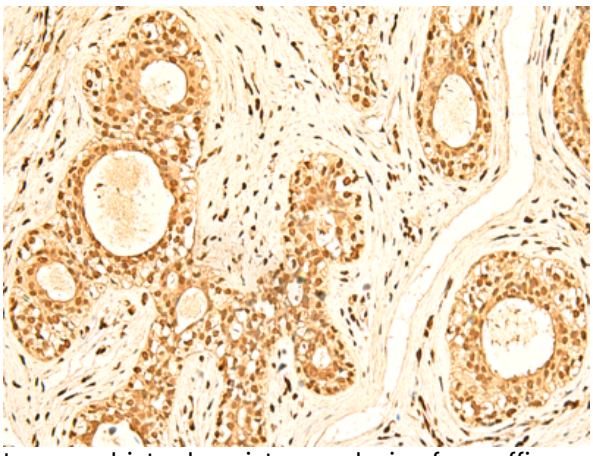
H2BC15 RABBIT PAB

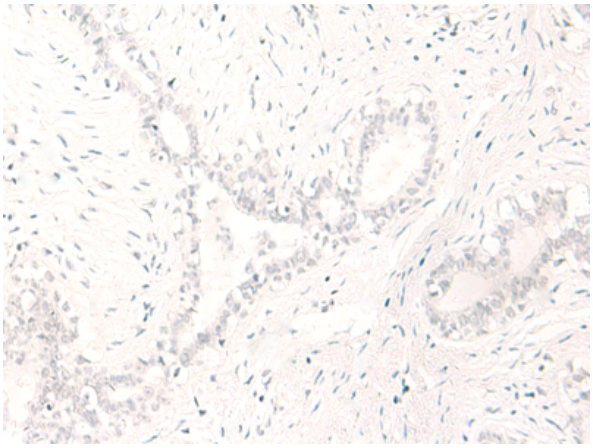
Cat.#: S218982
Product Name: Anti-H2BC15 Rabbit Polyclonal Antibody
Synonyms: H2B/d; H2BFD; HIST1H2BN
UNIPROT ID: Q99877 (Gene Accession - BC011372)
Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules 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 H2B family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]
Immunogen: Fusion protein of human H2BC15
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-300;WB: 200-1000;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

Product Description

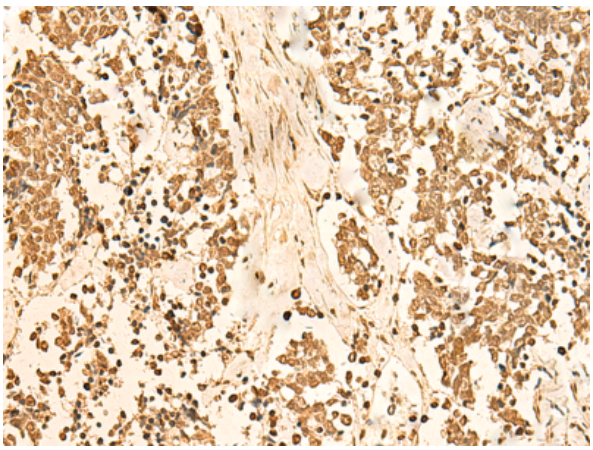
Pioneering GTPase and Oncogene Product Development since 2010



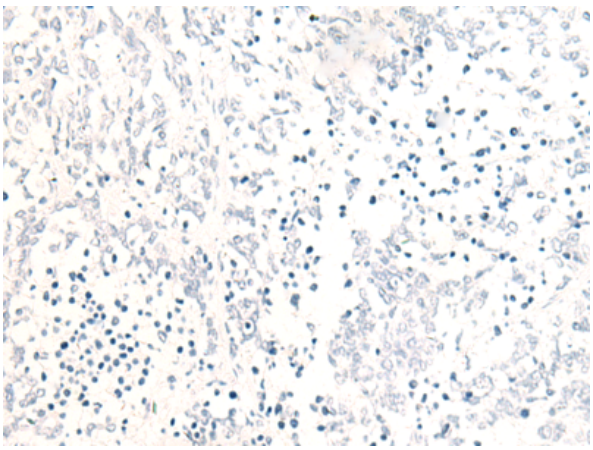
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 218982(H2BC15 Antibody) at a dilution of 1/60(Nucleus).



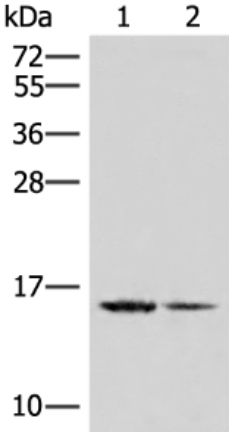
In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 218982(Anti-H2BC15 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 218982(Anti-H2BC15 Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with fusion protein and then with D225603(Anti-H2BC15 Antibody) at dilution 1/60.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: Jurkat and K562 cell lysates;
Primary antibody: 218982(H2BC15 Antibody) at dilution 1/400;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 20 seconds