

HOXA7 RABBIT PAB

Cat.#: S214067

Product Name: Anti-HOXA7 Rabbit Polyclonal Antibody

Synonyms: ANTP; HOX1; HOX1A; HOX1.1

UNIPROT ID: P31268 (Gene Accession - NP_008827)

Background: In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. For example, the encoded protein represses the transcription of differentiation-specific genes during keratinocyte proliferation, but this repression is then overcome by differentiation signals. This gene is highly similar to the antennapedia (Antp) gene of *Drosophila*.

Immunogen: Synthetic peptide of human HOXA7

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

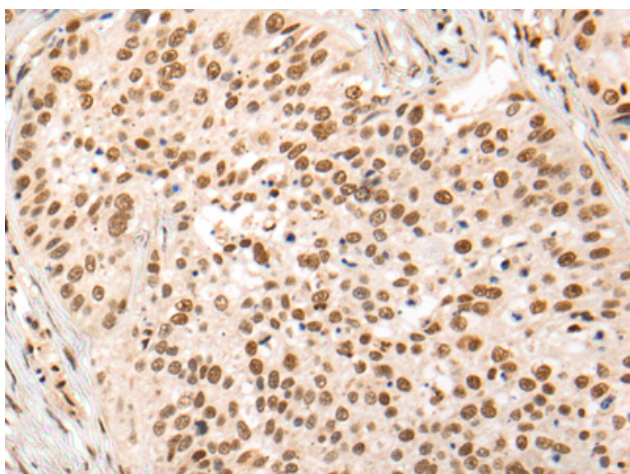
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

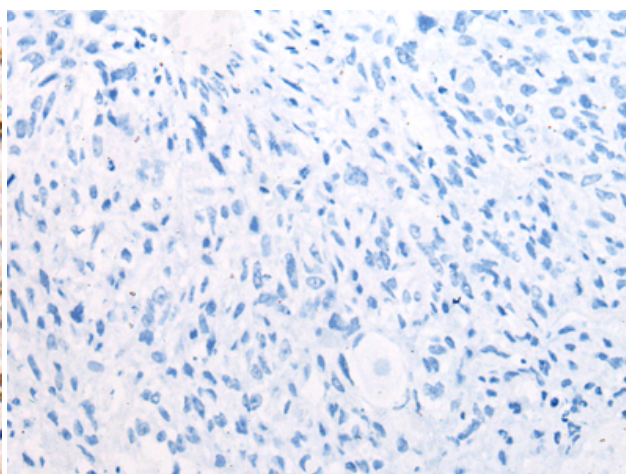
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

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



Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 214067(HOXA7 Antibody) at a dilution of 1/70(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 214067(Anti-HOXA7 Antibody) at dilution 1/70.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
