

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HOXA5 RABBIT PAB

Cat.#: S221362

Product Name: Anti-HOXA5 Rabbit Polyclonal Antibody

Synonyms: HOX1; HOX1C; HOX1.3

UNIPROT ID: P20719 (Gene Accession - NP_061975)

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. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.

Immunogen: Synthetic peptide of human HOXA5

Applications: ELISA, IHC

Recommended Dilutions: IHC: Oct-50; 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

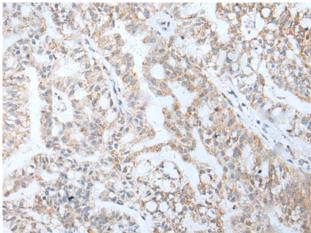
Research Areas: Epigenetics and Nuclear Signaling, Cancer

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

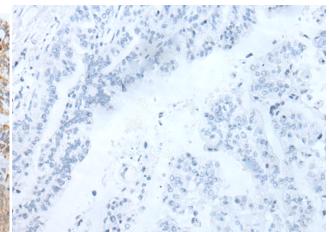


Product Description

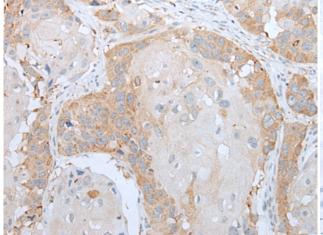
Pioneering GTPase and Oncogene Product Development since 2010



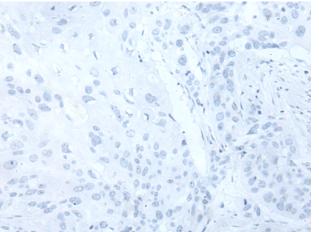
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221362(HOXA5 Antibody) at a dilution of 1/25(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221362(Anti-HOXA5 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 221362(Anti-HOXA5 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D262919(Anti-HOXA5 Antibody) at dilution 1/25.