

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HOXB9 RABBIT PAB**

Cat.#: S221406

**Product Name:** Anti-HOXB9 Rabbit Polyclonal Antibody

**Synonyms:** HOX2; HOX2E; HOX-2.5

UNIPROT ID: P17482 (Gene Accession - NP\_076922)

**Background:** This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is

associated with some cases of leukemia, prostate cancer and lung cancer.

Immunogen: Synthetic peptide of human HOXB9

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; 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

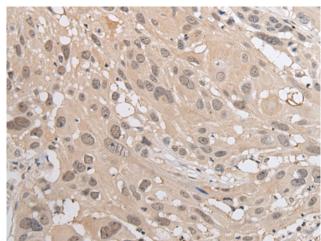
Research Areas: Epigenetics and Nuclear Signaling

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

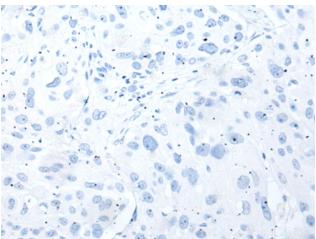


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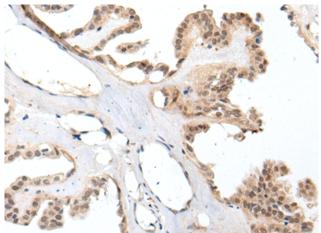
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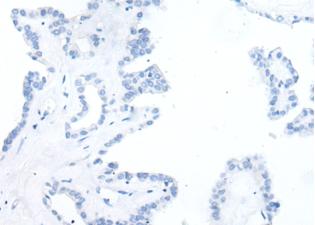
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221406(HOXB9 Antibody) at a dilution of 1/25(Nucleus and Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221406(Anti-HOXB9 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 221406(Anti-HOXB9 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D262979(Anti-HOXB9 Antibody) at dilution 1/25.