

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

FOXB2 RABBIT PAB

Cat.#: S219780

Product Name: Anti-FOXB2 Rabbit Polyclonal Antibody

Synonyms: bA159H20.4

UNIPROT ID: Q5VYV0 (Gene Accession - NP_001013757)

Background: FOX (Forkhead box) proteins are a family of transcription factors that play important roles in regulating the expression of genes involved in cell growth, proliferation, differentiation, and longevity. Many FOX proteins are important to embryonic development. The defining feature of FOX proteins is the forkhead bo,x a sequence of 80 to 100 amino acids forming a motif that binds to DNA. This forkhead motif is also known as the winged helix due to the butterfly-like appearance of the loops in the protein structure of the domain. Forkhead genes are a subgroup of the helix-turn-helix class of proteins. The FOXF2 gene encodes forkhead box F2, one of many human homologues of the Drosophila melanogaster transcription factor forkhead. FOXF2 is expressed in lung and placenta.

Immunogen: Synthetic peptide of human FOXB2

Applications: ELISA, IHC

Recommended Dilutions: IHC: Oct-50; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

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

glycerol

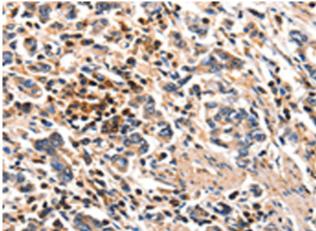
Research Areas: Epigenetics and Nuclear Signaling

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

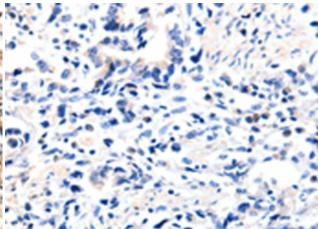


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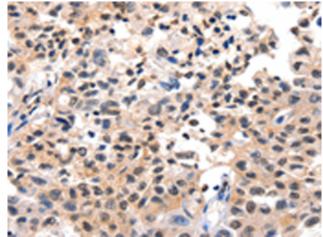
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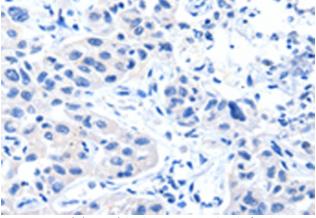
Immunohistochemistry analysis of paraffin embedded Human gasrtic cancer tissue using 219780(FOXB2 Antibody) at a dilution of 1/5(Cytoplasm, Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human gasrtic cancer tissue is first treated with the synthetic peptide and then with 219780(Anti-FOXB2 Antibody) at dilution 1/5.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 219780(Anti-FOXB2 Antibody) at a dilution of 1/5.



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D260346(Anti-FOXB2 Antibody) at dilution 1/5.