

HOXA2 RABBIT PAB

Cat.#: S215125

Product Name: Anti-HOXA2 Rabbit Polyclonal Antibody

Synonyms: HOX1K; MCOHI

UNIPROT ID: O43364 (Gene Accession - NP_006726)

Background: 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. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during development.

Immunogen: Synthetic peptide of human HOXA2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

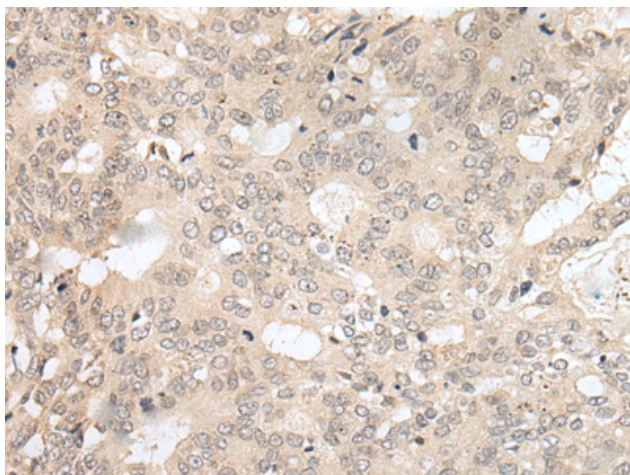
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

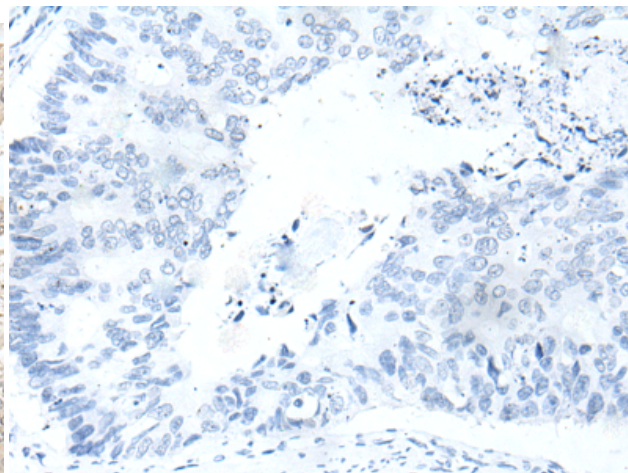
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

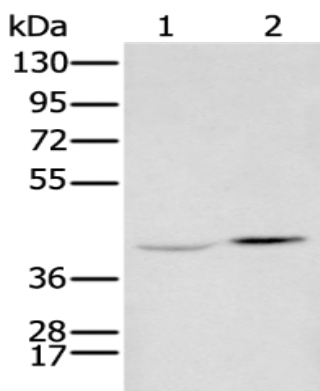
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 215125(HOXA2 Antibody) at a dilution of 1/25(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 215125(Anti-HOXA2 Antibody) at dilution 1/25.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane 1-2: Human fetal muscle tissue and PC-3 cell;
Primary antibody: 215125(HOXA2 Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 2 minutes