

OS9 RABBIT PAB

Cat.#: S217662

Product Name: Anti-OS9 Rabbit Polyclonal Antibody

Synonyms: OS-9; ERLEC2

UNIPROT ID: Q13438 (Gene Accession - BC007254)

Background: This gene encodes a protein that is highly expressed in osteosarcomas. This protein binds to the hypoxia-inducible factor 1 (HIF-1), a key regulator of the hypoxic response and angiogenesis, and promotes the degradation of one of its subunits. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Immunogen: Fusion protein of human OS9

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

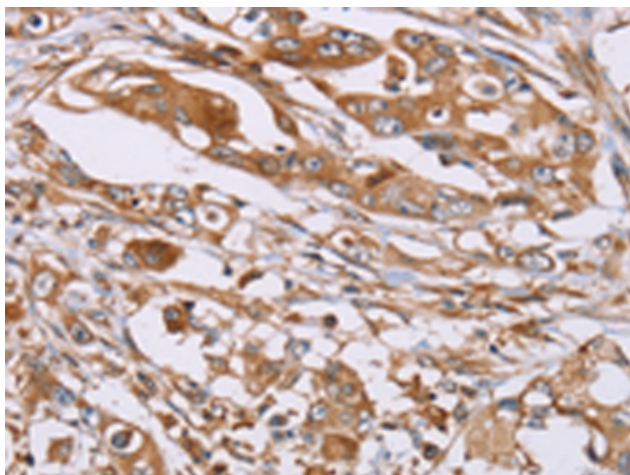
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

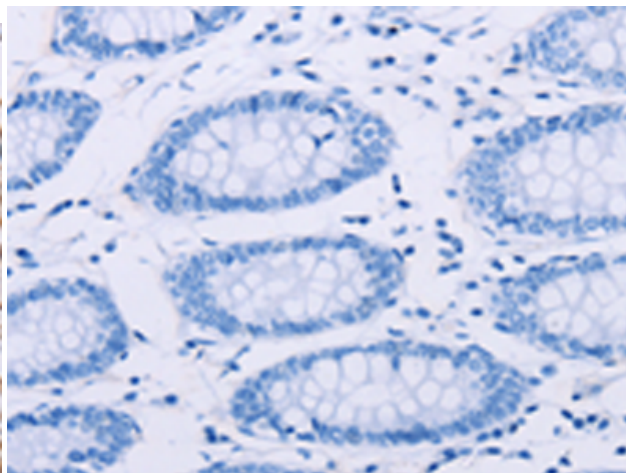
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cardiovascular

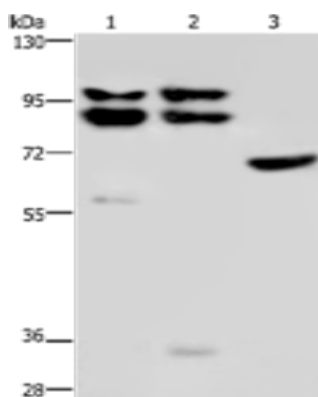
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 217662 (OS9 Antibody) at a dilution of 1/30 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 217662 (Anti-OS9 Antibody) at dilution 1/30.



Gel: 6% SDS-PAGE, Lysate: 40 µg;
Lane 1-3: Hela cells, 231 cells, NIH/3T3 cells;
Primary antibody: 217662 (OS9 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 minutes