

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## SMC4 RABBIT PAB

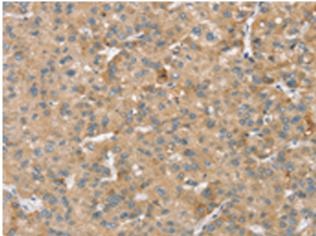
Cat.#: S220951 **Product Name:** Anti-SMC4 Rabbit Polyclonal Antibody Synonyms: CAPC; CAP-C; SMC-4; SMC4L1; hCAP-C **UNIPROT ID:** Q9NTJ3 (Gene Accession - NP\_005487) Background: Members of the structural maintenance of chromosomes, or SMC, family (e.g., SMC1A; MIM 300040) are critical for mitotic chromosome condensation in frogs and for DNA repair in mammals. Immunogen: Synthetic peptide of human SMC4 Applications: ELISA, IHC Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000 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, Cancer

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

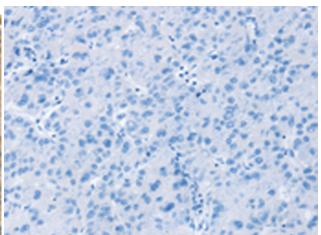


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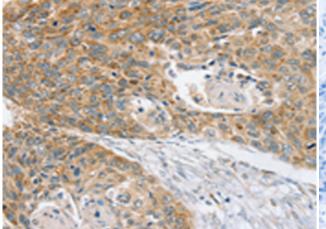
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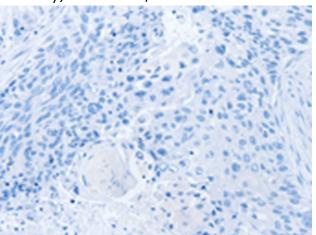
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220951(SMC4 Antibody) at a dilution of 1/40(Cytoplasm).



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 220951(Anti-SMC4 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 220951(Anti-SMC4 Antibody) at a dilution of 1/40.



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 D262274(Anti-SMC4 Antibody) at dilution 1/40.