

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MUC7 RABBIT PAB**

Cat.#: S221170

**Product Name:** Anti-MUC7 Rabbit Polyclonal Antibody

Synonyms: MG2

**UNIPROT ID:** Q8TAX7 (Gene Accession - NP\_689504)

**Background:** This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. This antimicrobial protein has antibacterial and antifungal activity. The most common allele contains 6 repeats, and some alleles may be associated with susceptibility to asthma. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene.

**Immunogen:** Synthetic peptide of human MUC7

Applications: ELISA, IHC

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

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

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

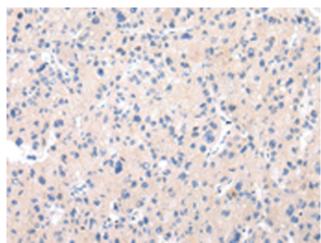
Species Reactivity: Human

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

glycerol

Research Areas: Signal Transduction, Cancer, Immunology

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



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221170(MUC7 Antibody) at a dilution of 1/30(Cytoplasm and Cell membrane).

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 221170(Anti-MUC7 Antibody) at dilution 1/30.