

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MUC4 RABBIT PAB**

Cat.#: S216101

Product Name: Anti-MUC4 Rabbit Polyclonal Antibody

Synonyms: ASGP; MUC-4; HSA276359

**UNIPROT ID:** Q99102 (Gene Accession - NP\_004523)

**Background:** The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervi,x are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats.

Immunogen: Synthetic peptide of human MUC4

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-50; ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

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

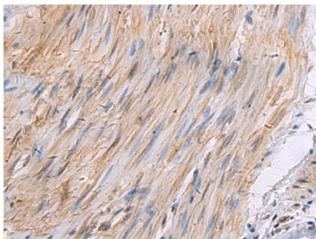
Species Reactivity: Human

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

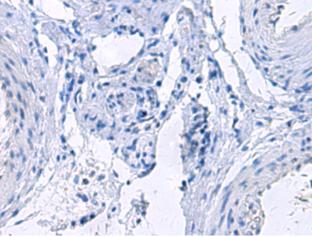
glycerol

**Research Areas:** Signal Transduction, Cancer

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



Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 216101(MUC4 Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 216101(Anti-MUC4 Antibody) at dilution 1/40.



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