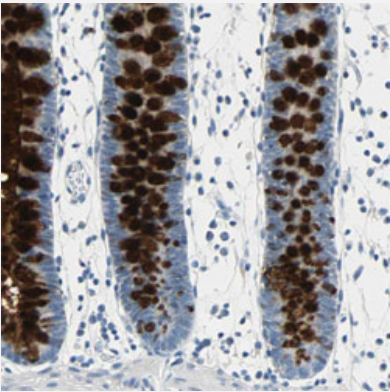


MUC4 polyclonal antibody

Catalog # PAB31087

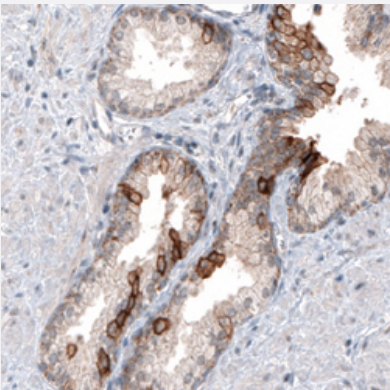
Size 100 uL

Applications



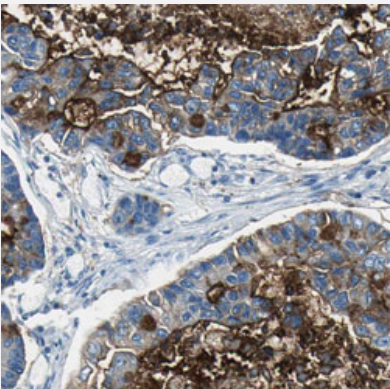
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human lung cancer, adenocarcinoma shows moderate cytoplasmic positivity in tumor cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human MUC4.
Immunogen	Recombinant protein corresponding to human MUC4.
Sequence	IQYTSNAEDANFTLRDSCDTDLLEFNGTLLWTPKSLEPFTLEILARSAKIGLASALQPRTVVCHCNA ESQCLYNQTSRVGNSSLEVAGCKCDGGTFGRYCEGSEDACEEPCFPSVHCVPKGKCEACPPN LTGD
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon shows strong cytoplasmic positivity in glandular cells.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Immunohistochemical staining of human lung cancer, adenocarcinoma shows moderate cytoplasmic positivity in tumor cells.

Gene Info — MUC4

Entrez GeneID [4585](#)

Protein Accession# [Q99102](#)

Gene Name MUC4

Gene Alias HSA276359

Gene Description mucin 4, cell surface associated

Omim ID [158372](#)

Gene Ontology [Hyperlink](#)

Gene Summary The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, 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. [provided by RefSeq]

Other Designations mucin 4|mucin 4, tracheobronchial

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Infertility](#)
- [Lung Diseases](#)
- [Respiratory Syncytial Virus Infections](#)