

## Rabbit anti-Human MUC6 Polyclonal Antibody | anti-MUC6 antibody

MUC6 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA301809</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

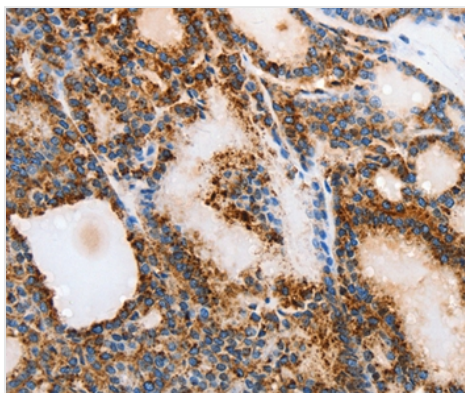
### PRODUCT SYNONYMS

MUC6; Polyclonal Antibody; MUC6 Antibody; MUC-6; anti-MUC6 antibody

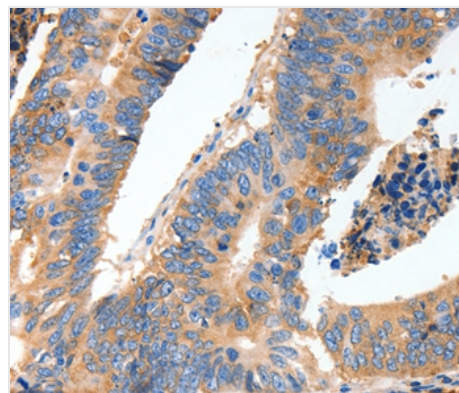
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                |
| Specificity                                    | The antibody detects endogenous levels of total MUC6 protein.                                                             |
| Purity/Purification                            | Antigen affinity purification.                                                                                            |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                           |
| Concentration                                  | 1.5 mg/ml (varies by lot)                                                                                                 |
| Sequence Length                                | 2439                                                                                                                      |
| Applicable Applications for anti-MUC6 antibody | IHC (Immunohistochemistry)                                                                                                |
| Immunogen Type                                 | Peptide                                                                                                                   |
| Immunogen Description                          | Synthetic peptide corresponding to a region derived from internal residues of human mucin 6, oligomeric mucus/gel-forming |
| Target Name                                    | MUC6                                                                                                                      |
| Preparation and Storage                        | Store at -20 degree C                                                                                                     |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human colon tissue using at dilution 1/40.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MUC6 antibody | The MUC6 gene encodes gastric mucin, a secreted glycoprotein that plays an essential role in epithelial cytoprotection from acid, proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract. May provide a mechanism for modulation of the composition of the protective mucus layer related to acid secretion or the presence of bacteria and noxious agents in the lumen. Plays an important role in the cytoprotection of epithelial surfaces and are used as tumor markers in a variety of cancers. May play a role in epithelial organogenesis. |
| Product Categories/Family for anti-MUC6 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 151301154                                              |
| NCBI GeneID                      | 4588                                                   |
| NCBI Accession #                 | NP_005952.2                                            |
| NCBI GenBank Nucleotide #        | NM_005961.2                                            |
| UniProt Accession #              | Q6W4X9; O15329; Q14394; Q2TUQ5; Q4L207; Q8N8I1; Q8NAK1 |
| Molecular Weight                 | 257,051 Da                                             |
| NCBI Official Full Name          | mucin-6                                                |
| NCBI Official Synonym Full Names | mucin 6, oligomeric mucus/gel-forming                  |
| NCBI Official Symbol             | MUC6                                                   |
| NCBI Official Synonym Symbols    | MUC-6                                                  |
| NCBI Protein Information         | mucin-6                                                |
| UniProt Protein Name             | Mucin-6                                                |
| UniProt Gene Name                | <b>MUC6</b>                                            |
| UniProt Synonym Gene Names       | MUC-6                                                  |
| UniProt Entry Name               | MUC6_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/muc6-antibody-immunohistochemistry-elisa/301809>