

**MUC3B Antibody (C-term E881)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11777b****Specification**

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**MUC3B Antibody (C-term E881) - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB, IHC-P,E                                           |
| Primary Accession | <a href="#">O9H195</a>                                |
| Other Accession   | <a href="#">O02505</a> , <a href="#">XP_001125753</a> |
| Reactivity        | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Isotype           | Rabbit IgG                                            |
| Calculated MW     | 1397846                                               |
| Antigen Region    | 866-895                                               |

**MUC3B Antibody (C-term E881) - Additional Information****Other Names**

Mucin-3B, MUC-3B, Intestinal mucin-3B, MUC3B

**Target/Specificity**

This MUC3B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 866-895 amino acids from the C-terminal region of human MUC3B.

**Dilution**

WB~~1:1000

IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MUC3B Antibody (C-term E881) is for research use only and not for use in diagnostic or therapeutic procedures.

**MUC3B Antibody (C-term E881) - Protein Information**

**Name** MUC3B ([HGNC:13384](#))

**Function** Major glycoprotein component of a variety of mucus gels. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces (By similarity).

### Cellular Location

Membrane; Single-pass membrane protein

### Tissue Location

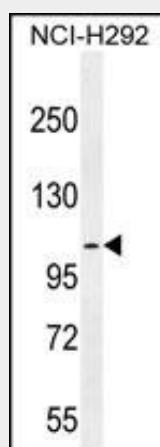
Fetal and adult small intestine and fetal and adult colon.

## MUC3B Antibody (C-term E881) - Protocols

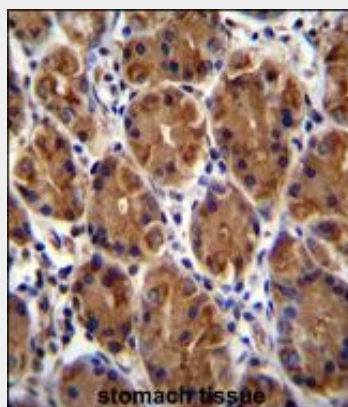
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## MUC3B Antibody (C-term E881) - Images



MUC3B Antibody (C-term E881) (Cat. #AP11777b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the MUC3B antibody detected the MUC3B protein (arrow).



MUC3B Antibody (C-term E881) (Cat. #AP11777b) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the

secondary antibody and DAB staining. This data demonstrates the use of MUC3B Antibody (C-term E881) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **MUC3B Antibody (C-term E881) - Background**

Major glycoprotein component of a variety of mucus gels. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces (By similarity).