

**MUC12 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12590**

**Specification**

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**MUC12 antibody - middle region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9UKN1</a>
Other Accession	<a href="#">XM_499351</a> , <a href="#">XP_499351</a>
Reactivity	<b>Human</b>
Predicted	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>81kDa KDa</b>

**MUC12 antibody - middle region - Additional Information**

**Gene ID** 10071

**Alias Symbol** **MUC11, MUC-11, MUC-12**

**Other Names**

Mucin-12, MUC-12, Mucin-11, MUC-11, MUC12, MUC11

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-MUC12 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

MUC12 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**MUC12 antibody - middle region - Protein Information**

**Name** MUC12

**Synonyms** MUC11

**Function**

Involved in epithelial cell protection, adhesion modulation, and signaling. May be involved in epithelial cell growth regulation. Stimulated by both cytokine TNF-alpha and TGF-beta in intestinal epithelium.

**Cellular Location**

Membrane; Single-pass type I membrane protein

### Tissue Location

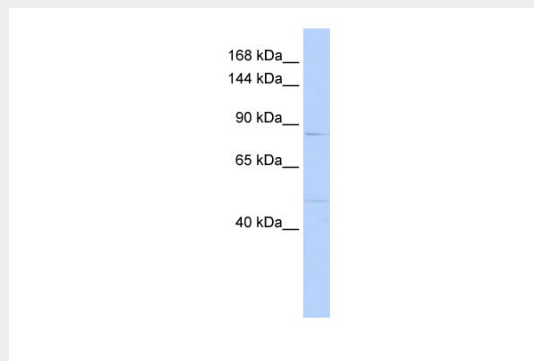
Ubiquitous, with higher expression in colon. Down- regulated in colorectal cancer as well as in the colon of patients with ulcerative colitis (UC) and Crohn's disease (CD)

### MUC12 antibody - middle region - 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](#)

### MUC12 antibody - middle region - Images



WB Suggested Anti-MUC12 Antibody Titration: 0.2-1  $\mu\text{g/ml}$

ELISA Titer: 1:62500

Positive Control: MCF7 cell lysate