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Datasheet for ABIN687772

## anti-MUC3A antibody (AA 1501-1600)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	MUC3A
Binding Specificity:	AA 1501-1600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC3A antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human mucin3
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	MUC3A
Alternative Name:	mucin3/Muc3 ( <a href="#">MUC3A Products</a> )

## Target Details

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Background: Synonyms: MUC3, MUC-3A, Mucin-3A, Intestinal mucin-3A, MUC3A  
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. May be involved in ligand binding and intracellular signaling.

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Gene ID: 4584

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UniProt: [Q02505](#)

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## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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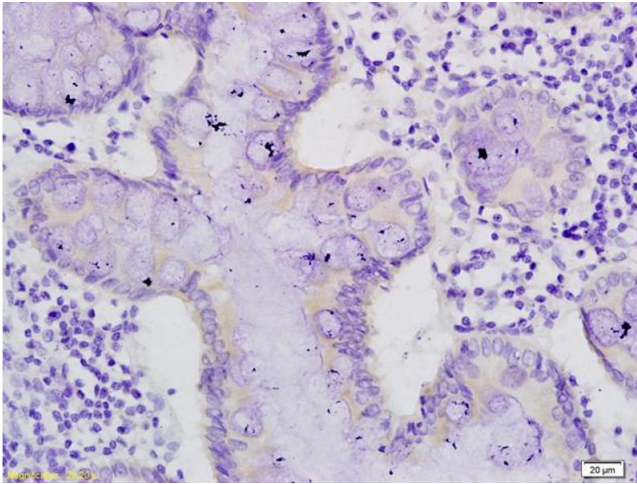
Expiry Date: 12 months

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## Publications

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Product cited in: Das, Mahapatra, Patro, Goswami, Suar: "Lactobacillus acidophilus binds to MUC3 component of cultured intestinal epithelial cells with highest affinity." in: **FEMS microbiology letters**, Vol. 363, Issue 8, (2016) ([PubMed](#)).



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human colon cancer labeled with Anti-mucin3/Muc3 Polyclonal Antibody, Unconjugated (ABIN687772) at 1:200 followed by conjugation to the secondary antibody and DAB staining