

Datasheet for ABIN7268694  
**anti-MUC5AC antibody (C-Term)**



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3 Images

Overview

Quantity:	100 µL
Target:	MUC5AC
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC5AC antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purpose:	MUC5A Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 5500 to the C-terminus of human MUC5A (NP_001291288.1).
Sequence:	PLSCSLDEAR MSKDGCCRFC P P P P P Y Q N Q STCAVYHRSL IIQQQGCSSS EPVRLAYCRG NCGDSSSMYS LEGNTVEHRC QCCQELRTSL RNVTLHCTDG SSRAFSYTEV EECGCMGRRR PAPGDTQHSE EAEPEPSQEA ESGSWERGVP VSPMH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	MUC5AC
Alternative Name:	MUC5AC ( <a href="#">MUC5AC Products</a> )
Background:	Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particles that are subsequently removed by the mucociliary system. Interacts with H.pylori in the gastric epithelium, Barrett's esophagus as well as in gastric metaplasia of the duodenum (GMD.,MUC5AC,MUC5,TBM,IeB,mucin,mucin-5AC,MUC5A,Cancer,Tumor immunology,Tumor-associated antigens,Tumor biomarkers,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Immunology & Inflammation,MUC5AC
Molecular Weight:	585kDa
Gene ID:	4586
UniProt:	<a href="#">P98088</a>

## Application Details

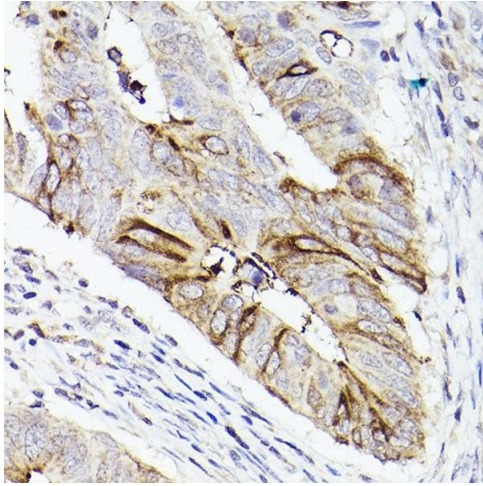
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

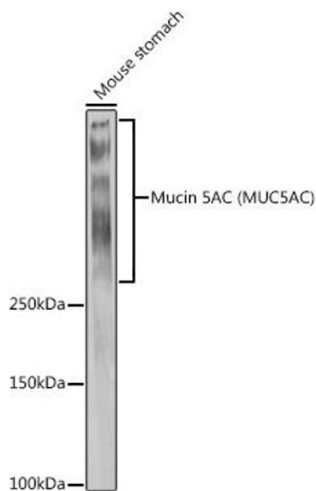
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



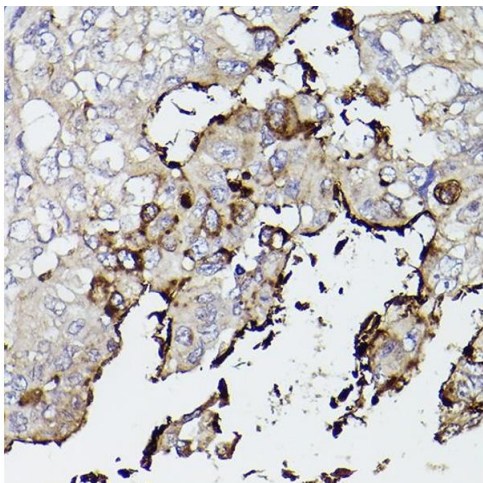
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon carcinoma using Mucin 5AC (MUC5AC) antibody (ABIN7268694) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse stomach, using Mucin 5AC (MUC5AC) antibody (ABIN7268694) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung cancer using Mucin 5AC (MUC5AC) antibody (ABIN7268694) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.