

# MUC5AC Polyclonal Antibody

Catalog Number: E-AB-40276



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

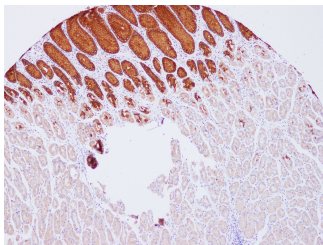
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Mucin-5AC protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

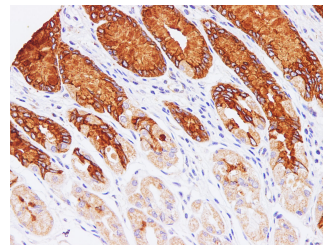
## Applications Recommended Dilution

<b>IHC</b>	1:100-1:400
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## Data



Immunohistochemistry of paraffin-embedded Human stomach using MUC5AC Polyclonal Antibody at dilution of 1:100



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## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Mucin-5AC is a protein that in humans is encoded by the MUC5AC gene. This gene has been linked to mucus hypersecretion in the pulmonary tracts and associated to chronic obstructive pulmonary disease (COPD). 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. Highly expressed in surface mucosal cells of respiratory tract and stomach epithelia. Overexpressed in a number of carcinomas. Also expressed in Barrett's esophagus epithelium and in the proximal duodenum.

## For Research Use Only

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