

MUC5A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11576
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 4400-4480
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Mucin-5AC
Synonyms	Mucin-5AC ;MUC-5AC;Gastric mucin;Lewis B blood group antigen;LeB;Major airway glycoprotein;Mucin-5 subtype AC, tracheobronchial;Tracheobronchial mucin;TBM;Fragments

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The cysteine residues in the Cys-rich subdomain repeats are not involved in disulfide bonding.,Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particulates that are subsequently removed by the mucociliary system.,PTM:C-, O- and N-glycosylated. O-glycosylated on the Thr-/Ser-rich tandem repeats. C-mannosylation in the Cys-rich subdomains may be required for proper folding of these regions and for export from the endoplasmic reticulum during biosynthesis.,PTM:Proteolytic cleavage in the C-terminal is initiated early in the secretory pathway and does not involve a serine protease. The extent of cleavage is increased in the acidic parts of the secretory pathway. Cleavage generates a reactive group which could link the protein to a primary amide.,Contains 1 CTCK (C-terminal cystine knot-like) domain.,Contains 2 VWFC domains.,Contains 4 VWFD domains.,subunit:Multimeric. Interacts with H.pylori in the gastric epithelium, Barrett's esophagus as well as in gastric metaplasia of the duodenum (GMD),,tissue specificity: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.,

Recommended Dilution

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year