

MUC5B Rabbit pAb

Catalog No.: A18146

Basic Information

Observed MW

60kDa

Calculated MW

596kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

This gene encodes a member of the mucin family of proteins, which are highly glycosylated macromolecular components of mucus secretions. This family member is the major gel-forming mucin in mucus. It is a major contributor to the lubricating and viscoelastic properties of whole saliva, normal lung mucus and cervical mucus. This gene has been found to be up-regulated in some human diseases, including sinus mucosa of chronic rhinosinusitis (CRS), CRS with nasal polyposis, chronic obstructive pulmonary disease (COPD) and H. pylori-associated gastric disease, and it may be involved in the pathogenesis of these diseases.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

727897

Swiss Prot

Q9HC84

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 5650-5750 of human MUC5B (NP_002449.2).

Synonyms

MG1; MUC5; MUC9; MUC-5B; MUC5B

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

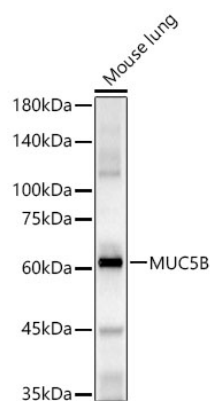
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse lung using MUC5B Rabbit pAb(A18146) at 1:1600 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) 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:60s.