

For Research Use Only

MUC5AC Polyclonal antibody

Catalog Number:30408-1-AP



Basic Information

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|---|--|--|
| Catalog Number: 30408-1-AP | GenBank Accession Number: NM_001304359 | Purification Method: Antigen affinity purification |
| Size: 800 ug/ml | GeneID (NCBI): 4586 | Recommended Dilutions: WB 1:200-1:1000 IHC 1:400-1:1600 |
| Source: Rabbit | UNIPROT ID: P98088 | |
| Isotype: IgG | Full Name: mucin 5AC, oligomeric mucus/gel-forming | |
| Immunogen Catalog Number: AG30190 | Calculated MW: 586 kDa | |
| | Observed MW: 290 kDa | |

Applications

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|--|---|
| Tested Applications: WB, IHC, ELISA | Positive Controls: WB : MCF-7 cells, IHC : human stomach tissue, |
| Species Specificity: human | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

MUC5AC (Mucin-5AC) is a gel-forming glycoprotein of the gastric and respiratory epithelium. It can protect mucous membranes from infection and chemical damage by binding to inhaled microorganisms and particles, which are then cleared by the mucociliary system. (PubMed:14535999, PubMed:14718370)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

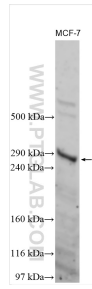
T: 4006900926

E: Proteintech-CN@ptglab.com

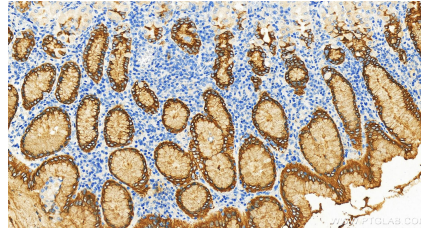
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 30408-1-AP (MUC5AC antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded normal stomach slide using 30408-1-AP (MUC5AC antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).