

For Research Use Only

MUC5AC Polyclonal antibody

Catalog Number: 20725-1-AP

1 Publications



Basic Information

Catalog Number:

20725-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_017511

GeneID (NCBI):

4586

Full Name:

mucin 5AC, oligomeric mucus/gel-forming

Calculated MW:

527 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human stomach tissue, mouse stomach tissue, rat stomach tissue

Background Information

MUC5AC is a member of the mucin family, a heterogeneous group of 21 abundant, high molecular weight O-glycoproteins that can be either secreted or membrane bound. Multiple cysteine-rich domains in both N- and C-terminal regions of MUC5AC are responsible for its disulfide-mediated polymerization, which is critical for gel-forming properties. (PMID: 26751774, PMID: 27845339)

Notable Publications

Author	Pubmed ID	Journal	Application
Maozhu Xu	36427449	Mol Immunol	WB

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:

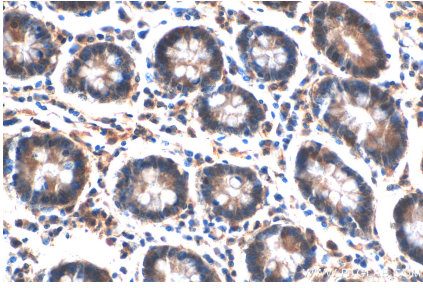
T: 4006900926

E: Proteintech-CN@ptglab.com

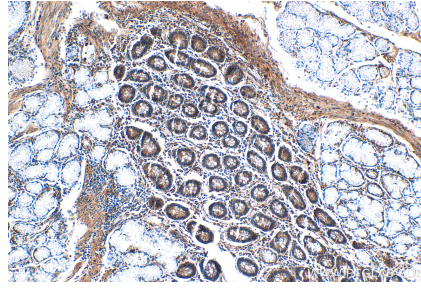
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 20725-1-AP (MUC5AC antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 20725-1-AP (MUC5AC antibody) at dilution of 1:200 (under 10x lens).