

For Research Use Only

MUC5AC Polyclonal antibody

Catalog Number:30408-1-AP



Basic Information

Catalog Number: 30408-1-AP	GenBank Accession Number: NM_001304359	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop;	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

Tested Applications:

WB, IHC, ELISA

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

Positive Controls:

WB : MCF-7 cells,

IHC : human stomach tissue,

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

*** 20ul sizes contain 0.1% BSA

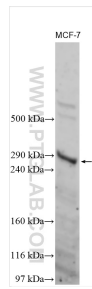
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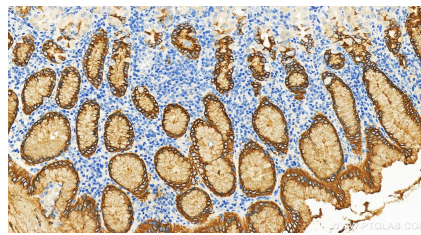
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Selected Validation Data



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).