



## Anti-MUC5AC (aa 351-450) polyclonal antibody (DPAB-DC1972)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	MUC5AC (mucin 5AC, oligomeric mucus/gel-forming) is a protein-coding gene. Diseases associated with MUC5AC include anal canal adenocarcinoma, and pancreatic mucinous cystadenoma, and among its related super-pathways are Mucin type O-Glycan biosynthesis and Mucin expression in CF via IL-6, IL-17 signaling pathways. GO annotations related to this gene include extracellular matrix structural constituent. An important paralog of this gene is ZAN.
<b>Immunogen</b>	MUC5AC (XP_495860, 351 a.a. ~ 450 a.a) partial recombinant protein with GST tag. The sequence is  NQSTCAVYHRSЛИQQQQCSSEPVRLAYCRGNCGDSSSMYSLEGNTVEHRCQCCQELRT SLRNVTLHCTDGSSRAFSYSTEVEECGCMGRRCPAPGDTQH
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">MUC5AC mucin 5AC, oligomeric mucus/gel-forming [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MUC5AC
<b>Synonyms</b>	MUC5AC; mucin 5AC, oligomeric mucus/gel-forming; TBM; leB; MUC5; gastric mucin; tracheobronchial mucin; major airway glycoprotein; lewis B blood group antigen; mucin-5 subtype AC, tracheobronchial; mucin 5AC, oligomeric mucus/gel-forming pseudogene; mucin 5, subtypes A and C, tracheobronchial/gastric;
<b>Entrez Gene ID</b>	<a href="#">4586</a>
<b>Chromosome Location</b>	11p15.5
<b>Pathway</b>	Metabolism of proteins; O-linked glycosylation of mucins; Termination of O-glycan biosynthesis;
<b>Function</b>	extracellular matrix structural constituent;