



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

Antigen Description	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.
Immunogen	MUC5AC (XP_495860, 351 a.a. ~ 450 a.a) partial recombinant protein with GST tag. The sequence is NQSTCAVYHRSLLIQQGGCSSSEPVRLAYCRGNCGDSSSMYSLEGNTVEHRCQCCQELRT SLRNVTLHCTDGSSRAFSYTEVEECGCMGRRCPAPGDTQH
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MUC5AC mucin 5AC, oligomeric mucus/gel-forming [Homo sapiens (human)]
Official Symbol	MUC5AC
Synonyms	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;
Entrez Gene ID	4586
Chromosome Location	11p15.5
Pathway	Metabolism of proteins; O-linked glycosylation of mucins; Termination of O-glycan biosynthesis;
Function	extracellular matrix structural constituent;