



Anti-MUC7 (aa 36-135) polyclonal antibody (DPAB-DC1973)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. The most common allele contains 6 repeats, and some alleles may be associated with susceptibility to asthma. Alternatively spliced transcript variants with different 5 UTR, but encoding the same protein, have been found for this gene.[provided by RefSeq, Feb 2009]
Immunogen	MUC7 (NP_689504, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. The sequence is HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRPKLPPSPNNPPKFPNPHQPPKHPD KNSSVVNPTLVATTQIPSVTFPSASTKITTLPNVTFLPQN
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	MUC7 mucin 7, secreted [Homo sapiens (human)]
Official Symbol	MUC7
Synonyms	MUC7; mucin 7, secreted; MG2; mucin-7; MUC-7; apo-MG2; salivary mucin-7; mucin 7, salivary;
Entrez Gene ID	4589
Protein Refseq	NP_001138478
UniProt ID	Q8TAX7
Chromosome Location	4q13.3
Pathway	Metabolism of proteins; O-linked glycosylation of mucins; Salivary secretion; Termination of O-glycan biosynthesis.
Function	protein binding;