



## 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

<b>Antigen Description</b>	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]
<b>Immunogen</b>	MUC7 (NP_689504, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. The sequence is HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRPKLPPSPNNPPKFPNPHQPPKHPD KNSSVVNPTLVATTQIPSVTFPSASTKITLPLNVTFLPQN
<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

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<b>Gene Name</b>	<a href="#">MUC7 mucin 7, secreted [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MUC7
<b>Synonyms</b>	MUC7; mucin 7, secreted; MG2; mucin-7; MUC-7; apo-MG2; salivary mucin-7; mucin 7, salivary;
<b>Entrez Gene ID</b>	<a href="#">4589</a>
<b>Protein Refseq</b>	<a href="#">NP_001138478</a>
<b>UniProt ID</b>	<a href="#">Q8TAX7</a>
<b>Chromosome Location</b>	4q13.3
<b>Pathway</b>	Metabolism of proteins; O-linked glycosylation of mucins; Salivary secretion; Termination of O-glycan biosynthesis.
<b>Function</b>	protein binding;

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