

Anti-MUC7 antibody



Description	Unconjugated Rabbit polyclonal to MUC7
Model	STJ190986
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MUC7 protein.
Immunogen Region	40-120aa
Gene ID	4589
Gene Symbol	MUC7
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MUC7 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in salivary gland tissues and only in those that contain mucous acinar cells (e.g. sublingual and submandibular glands) and not in salivary glands containing only serous acinar cells (e.g. parotid gland).
Purification	MUC7 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Mucin-7 MUC-7 Apo-MG2 Salivary mucin-7
Molecular Weight	41 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7518OMIM:158375
Alternative Names	Mucin-7 MUC-7 Apo-MG2 Salivary mucin-7
Function	May function in a protective capacity by promoting the clearance of bacteria in the oral cavity and aiding in mastication, speech, and swallowing. Binds P.aeruginosa pili.
Cellular Localization	Secreted
Post-translational Modifications	N- and O-glycosylated. Contains fucose, mannose, galactose, N-acetylglucosamine and N-acetylgalactosamine.

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