

MUC7 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58339**Specification****MUC7 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8TAX7
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MUC7
Epitope Specificity	21-120/377
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
SUBUNIT	Monomer.
Post-translational modifications	N- and O-glycosylated. Contains fucose, mannose, galactose, N-acetylglucosamine and N-acetylgalactosamine.
DISEASE	Genetic variations in MUC7 are associated with susceptibility to asthma (ASTHMA) [MIM:600807]. The most common chronic disease affecting children and young adults. It is a complex genetic disorder with a heterogeneous phenotype, largely attributed to the interactions among many genes and between these genes and the environment. It is characterized by recurrent attacks of paroxysmal dyspnea, with weezing due to spasmodic contraction of the bronchi.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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.

MUC7 Polyclonal Antibody - Additional Information**Gene ID 4589**

Other Names

Mucin-7, MUC-7, Apo-MG2, Salivary mucin-7, MUC7, MG2

Target/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).

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MUC7 Polyclonal Antibody - Protein Information

Name MUC7

Synonyms MG2

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 Location

Secreted.

Tissue Location

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).

MUC7 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MUC7 Polyclonal Antibody - Images