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MUC7 Rabbit pAb

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Catalog # AP58339

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8TAX7
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39159
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.
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.

Additional Information

Gene ID	4589
Other Names	Mucin-7, MUC-7, Apo-MG2, Salivary mucin-7, MUC7, MG2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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).

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.