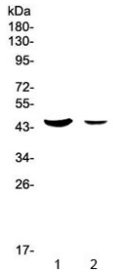
MUC7 Antibody / Mucin 7 (RQ4430)

Catalog No.	Formulation	Size
RQ4430	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8TAX7
Applications	Western blot: 0.5-1ug/ml
Limitations	This MUC7 antibody is available for research use only.



Western blot testing of human 1) SW620 and 2) HepG2 lysate with MUC7 antibody at 0.5ug/ml. Predicted molecular weight ~39 kDa.

Description

Mucin-7 is a protein that in humans is encoded by the MUC7 gene. 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. This antimicrobial protein has antibacterial and antifungal activity. 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.

Application Notes

Optimal dilution of the MUC7 antibody should be determined by the researcher.

Immunogen

Amino acids QNKISRFLLYMKNLLNRIIDDMVEQ from the human protein were used as the immunogen for the MUC7 antibody.

Storage

After reconstitution, the MUC7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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