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anti-MUC7 antibody





#### Overview

Quantity:	20 μL
Target:	MUC7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Synthetic peptide of human MUC7
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### **Target Details**

Target:	MUC7
Alternative Name:	MUC7 (MUC7 Products)
Background:	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

#### **Target Details**

	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.
NCBI Accession:	NP_689504

## Application Details

Q8TAX7

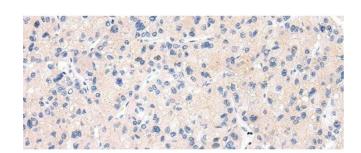
Application Notes:	IHC 1:25-100, ELISA 1:2000-5000
Restrictions:	For Research Use only

## Handling

UniProt:

Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

#### **Images**



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MUC7 Polyclonal Antibody at dilution 1:30