

Datasheet for ABIN657546
anti-MUC1 antibody (C-Term)



[Go to Product page](#)

2 Images **1** Publication

Overview

Quantity:	400 µL
Target:	MUC1
Binding Specificity:	AA 1176-1205, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MUC1/EMA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1176-1205 amino acids from the C-terminal region of human MUC1/EMA.
Clone:	RB33144
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MUC1
Alternative Name:	MUC1/EMA (MUC1 Products)

Target Details

Background:	This gene is a member of the mucin family and encodes a membrane bound, glycosylated phosphoprotein. The protein is anchored to the apical surface of many epithelia by a transmembrane domain, with the degree of glycosylation varying with cell type. It also includes a 20 aa variable number tandem repeat (VNTR) domain, with the number of repeats varying from 20 to 120 in different individuals. The protein serves a protective function by binding to pathogens and also functions in a cell signaling capacity. Overexpression, aberrant intracellular localization, and changes in glycosylation of this protein have been associated with carcinomas. Multiple alternatively spliced transcript variants that encode different isoforms of this gene have been reported, but the full-length nature of only some has been determined. [provided by RefSeq].
Molecular Weight:	122102
Gene ID:	4582
NCBI Accession:	NP_001018016 , NP_001018017 , NP_001037855 , NP_001037856 , NP_001037857 , NP_001037858 , NP_001191214 , NP_001191215 , NP_001191216 , NP_001191217 , NP_001191218 , NP_001191219 , NP_001191220 , NP_00
UniProt:	P15941
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

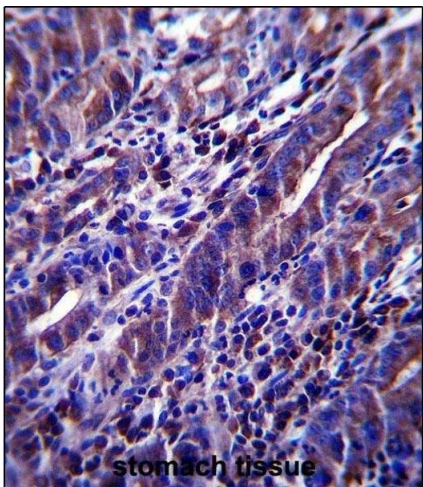
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	MUC1/EMA Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months

Publications

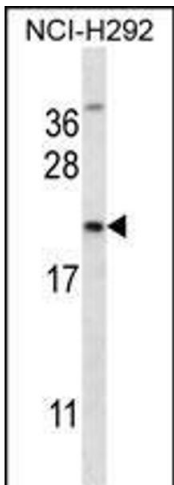
Product cited in: Liu, Meng, Liu, Li, Wu, Zhang, E: "Hepatic epithelioid angiomyolipoma is a rare and potentially severe but treatable tumor: A report of three cases and review of the literature." in: **Oncology letters**, Vol. 11, Issue 6, pp. 3669-3675, (2016) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. MUC1/E Antibody (C-term) (ABIN657546 and ABIN2846561) immunohistochemistry analysis in forlin fixed and paraffin embedded hun stoch tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MUC1/E Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. MUC1/E Antibody (C-term) (ABIN657546 and ABIN2846561) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the MUC1/E antibody detected the MUC1/E protein (arrow).