

Datasheet for ABIN654056

anti-MUC1 antibody (AA 1202-1231)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	MUC1
Binding Specificity:	AA 1202-1231
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MUC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1202-1231 amino acids from human MUC1.
Clone:	RB16593
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 (MUC1 Products)
Background:	This gene is a member of the mucin family and encodes a membrane bound, glycosylated

Target Details

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].

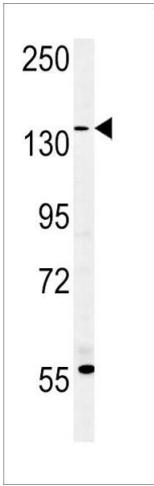
Molecular Weight:	122102
Gene ID:	4582
NCBI Accession:	NP_001018016 , NP_001018017 , NP_001037855 , NP_001037856 , NP_001037857 , NP_001037858 , NP_001191214 , NP_001191215 , NP_001191216 , NP_001191217 , NP_001191218 , NP_001191219 , NP_001191220 , NP_001191221
UniProt:	P15941
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB: 1:1000
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. MUC1- Antibody (ABIN654056 and ABIN2843955) western blot analysis in MDA-M cell line lysates (35 μ g/lane). This demonstrates the MUC1 antibody detected the MUC1 protein (arrow).