

Datasheet for ABIN6244174
anti-MUL1 antibody (AA 176-210)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	MUL1
Binding Specificity:	AA 176-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MUL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 176-210 amino acids from the Central region of human MUL1.
Clone:	RB49942
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MUL1
Alternative Name:	MUL1 (MUL1 Products)
Background:	Exhibits weak E3 ubiquitin-protein ligase activity. E3 ubiquitin ligases accept ubiquitin from an

Target Details

E2 ubiquitin- conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates. Can ubiquitinate AKT1 preferentially at 'Lys-284' involving 'Lys-48'-linked polyubiquitination and seems to be involved in regulation of Akt signaling by targeting phosphorylated Akt to proteosomal degradation. Proposed to preferentially act as a SUMO E3 ligase at physiological concentrations. Plays a role in the control of mitochondrial morphology. Promotes mitochondrial fragmentation and influences mitochondrial localization. The function may implicate its ability to sumoylate DNM1L. Inhibits cell growth. When overexpressed, activates JNK through MAP3K7/TAK1 and induces caspase-dependent apoptosis. Involved in the modulation of innate immune defense against viruses by inhibiting DDX58-dependent antiviral response. Can mediate DDX58 sumoylation and disrupt its polyubiquitination.

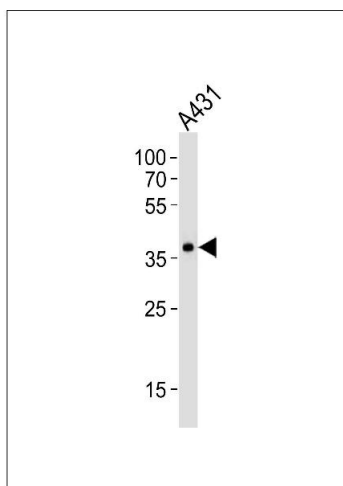
Molecular Weight:	39800
UniProt:	Q969V5
Pathways:	Positive Regulation of Endopeptidase Activity

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
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of lysate from A431 cell line, using MUL1 Antibody (Center) (ABIN6244174 and ABIN6577579). (ABIN6244174 and ABIN6577579) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35 µg.