

Datasheet for ABIN7464298 **anti-MUL1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MUL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MUL1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Drosophila melanogaster, Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MUL1
Alternative Name:	mitochondrial E3 ubiquitin protein ligase 1 (MUL1 Products)
Background:	Mitochondrial E3 ubiquitin protein ligase 1 , C1orf166 , GIDE , MAPL , MULAN , RNF218,E3 ubiquitin-protein ligase that plays a role in the control of mitochondrial morphology. Promotes

Target Details

mitochondrial fragmentation and influences mitochondrial localization. Inhibits cell growth. When overexpressed, activates JNK through MAP3K7/TAK1 and induces caspase-dependent apoptosis. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.

Molecular Weight: 40 kDa

Gene ID: 79594

UniProt: [Q969V5](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: A431 , A431 membrane extract
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.88 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.