

Datasheet for ABIN5027374
anti-MUL1 antibody (AA 146-352)



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Overview

Quantity:	100 µg
Target:	MUL1
Binding Specificity:	AA 146-352
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant MUL1 protein (amino acids 146-352) was used as the immunogen for this antibody.
Clone:	ABM4F71
Isotype:	IgG1
Purification:	Protein G Chromatography

Target Details

Target:	MUL1
Alternative Name:	MUL1 (MUL1 Products)
Background:	MUL1 (Mitochondrial E3 Ubiquitin Protein Ligase-1) is a crucial moderator of RIG-I (Retinoic

Target Details

Acid-Inducible-Gene-I) signaling. This protein is localized to the mitochondria where it interacts with MAVS (Mitochondrial Antiviral Signaling) and catalyzes RIG-I post-translational modifications that inhibit RIG-I-dependent cell signaling. MUL1 contains a unique BAM (Beside A Membrane) domain and a C-terminal RING-finger domain. This protein has been implicated in several processes that occur in animal cells such as NF-KappaB activation, innate immunity and antiviral signaling, suppression of PINK1/parkin defects, mitophagy in skeletal muscle, and caspase-dependent apoptosis.

Molecular Weight: 40 kDa

Gene ID: 79594

UniProt: [Q969V5](#)

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

Application Details

Application Notes: WB: 4-8 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

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: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

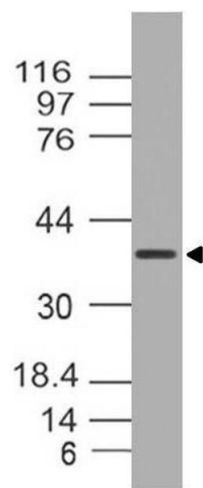


Image 1.