

MUL1 Ab

[Images\(2\)](#)

Cat.#: DF2589	Concn.: ~1mg/ml	Mol.Wt.: 38 kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000
 *The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

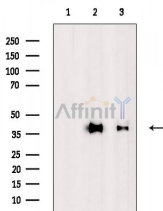
Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human MUL1, corresponding to a region within the internal amino acids.

Uniprot: Q969V5

Description: Exhibits weak E3 ubiquitin-protein ligase activity, but preferentially acts as a SUMO E3 ligase at physiological concentrations. Plays a role in the control of mitochondrial morphology. Promotes 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.



Western blot analysis of extracts from various samples, using MUL1 Ab.
 Lane 1: Rat liver, blocked with antigen-specific peptides,
 Lane 2: Rat liver,
 Lane 3: Hela cells.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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