

MUL1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11587
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Mitochondrial ubiquitin ligase activator of NFKB 1
Synonyms	Mitochondrial ubiquitin ligase activator of NFKB 1 ;EC 6.3.2.-;E3 SUMO-protein ligase MUL1;E3 ubiquitin-protein ligase MUL1;Growth inhibition and death E3 ligase;Mitochondrial-anchored protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The zinc finger domain is required for E3 ligase activity.,E3 ubiquitin-protein ligase that 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.,pathway:Protein modification; protein ubiquitination.,Contains 1 RING-type zinc finger.,subcellular location:Transported in mitochondrion-derived vesicles from the mitochondrion to the peroxisome.,subunit:Homooligomer. Interacts with MAP3K7/TAK1.,tissue specificity:Widely expressed with highest levels in the heart, skeletal muscle, placenta, kidney and liver. Barely detectable in colon and thymus.,

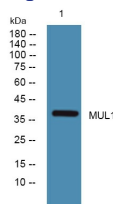
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year