

MUL1 Rabbit pAb

CatalogNo: YN1816

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 38kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

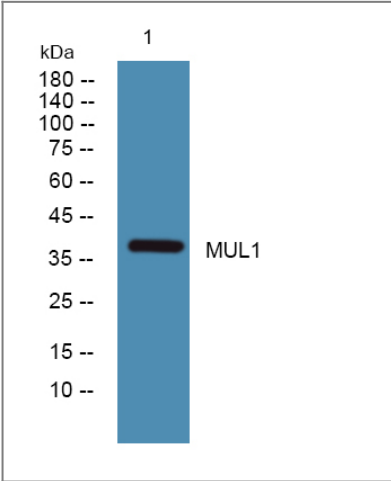
Specificity MUL1 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name MUL1 C1orf166 GIDE MAPL MULAN RNF218

Protein Name	Mitochondrial ubiquitin ligase activator of NFKB 1 (E3 SUMO-protein ligase MUL1) (E3 ubiquitin-protein ligase MUL1) (Growth inhibition and death E3 ligase) (Mitochondrial-anchored protein ligase) (MAPL) (Putative NF-kappa-B-activating protein 266) (RING finger protein 218)		
	Organism	Gene ID	UniProt ID
	Human	79594;	Q969V5;
	Mouse		Q8VCM5;
Cellular Localization	Mitochondrion outer membrane ; Multi-pass membrane protein . Peroxisome . Transported in mitochondrion-derived vesicles from the mitochondrion to the peroxisome. .		
Tissue specificity	Widely expressed with highest levels in the heart, skeletal muscle, placenta, kidney and liver. Barely detectable in colon and thymus.		
Function	Domain:The zinc finger domain is required for E3 ligase activity.,Function: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.,similarity: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.,		

| Validation Data



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

| Contact information

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MUL1 Rabbit pAb

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