



MUL1 rabbit pAb

Cat No.:ES10762

For research use only

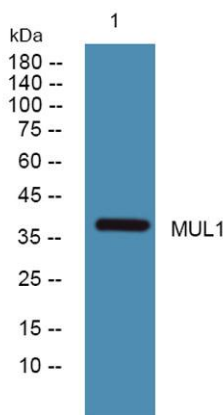
Overview

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|---------------------------------|--|
| Product Name | MUL1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | WB 1:500-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Specificity | MUL1 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | 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 |
| Gene Name | MUL1 C1orf166 GIDE MAPL MULAN RNF218 |
| Cellular localization | Mitochondrion outer membrane ; Multi-pass membrane protein . Peroxisome . Transported in mitochondrion-derived vesicles from the mitochondrion to the peroxisome. . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 38kD |
| Human Gene ID | 79594 |
| Human Swiss-Prot Number | Q969V5 |
| Alternative Names | |
| Background | 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.,



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

