

Rabbit anti-Mouse E3 ubiquitin ligase Polyclonal Antibody

E3 ubiquitin ligase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268989	Rabbit	Mouse	Western Blot

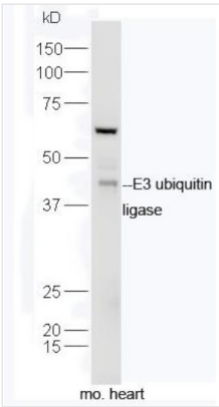
PRODUCT SYNONYMS

E3 ubiquitin ligase; Polyclonal Antibody; C1orf166; E3 ubiquitin protein ligase MUL1; FLJ12875; GIDE; Growth inhibition and death E3 ligase; MAPL; Mitochondrial anchored protein ligase; Mitochondrial ubiquitin ligase activator of NFKB 1; MUL1; MULAN; Putative NF kappa B activating protein 266; RING finger protein 218; RNF218; RP23-25C1.10-002; anti-E3 ubiquitin ligase antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A affinity purified.
Form/Format	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Applicable Applications for anti-E3 ubiquitin ligase antibody	WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide derived from human E3 ubiquitin ligase/RNF218 51-150/352
Positive control	Widely expressed with highest levels in the heart, skeletal muscle, placenta, kidney and liver. Barely detectable in colon and thymus.
Subcellular location	Mitochondrion outer membrane; Multi-pass membrane protein. Peroxisome. Note: Transported in mitochondrion-derived vesicles from the mitochondrion to the peroxisome
Preparation and Storage	Store at -20 degree C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 degree C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 degree C.

IMAGES



WB (Western Blot)
Sample: Heart (Mouse) Lysate at 40 ug. Primary: Anti- E3 ubiquitin ligase at 1/300 dilution.
Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1/5000 dilution. Predicted band size: 40 kD. Observed band size: 40 kD.

ADDITIONAL INFORMATION

Related Product Information for anti-E3 ubiquitin ligase antibody	Exhibits weak E3 ubiquitin-protein ligase activity, but preferential ly 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.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q969V5
Molecular Weight	40 KDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/e3-ubiquitin-ligase-antibody-western-blot-elisa/268989>