

Anti-UB2L3 antibody



Description	Unconjugated Rabbit polyclonal to UB2L3
Model	STJ191597
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	7332
Gene Symbol	UBE2L3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	UB2L3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Ubiquitous, with highest expression in testis.
Purification	UB2L3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin-conjugating enzyme E2 L3 E2 ubiquitin-conjugating enzyme L3 L-UBC UbcH7 Ubiquitin carrier protein L3 Ubiquitin-conjugating enzyme E2-F1 Ubiquitin-protein ligase L3
Molecular Weight	16 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12488OMIM:603721
Alternative Names	Ubiquitin-conjugating enzyme E2 L3 E2 ubiquitin-conjugating enzyme L3 L-UBC UbcH7 Ubiquitin carrier protein L3 Ubiquitin-conjugating enzyme E2-F1 Ubiquitin-protein ligase L3
Function	Ubiquitin-conjugating enzyme E2 that specifically acts with HECT-type and RBR family E3 ubiquitin-protein ligases. Does not function with most RING-containing E3 ubiquitin-protein ligases because it lacks intrinsic E3-independent reactivity with lysine: in contrast, it has activity with the RBR family E3 enzymes, such as PRKN and ARIH1, that function like function like RING-HECT hybrids. Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down-regulated during the S-phase it is involved in progression through the cell cycle. Regulates nuclear hormone receptors transcriptional activity. May play a role in myelopoiesis.
Sequence and Domain Family	In contrast to other ubiquitin-conjugating enzymes E2, residues essential for lysine reactivity are absent: Pro and a His residues are present instead of an Asp and an Asp residues in positions 88 and 119, respectively.
Cellular Localization	Nucleus Cytoplasm
Post-translational Modifications	Ubiquitinated. The alteration of UBE2L3 protein levels during the S-phase of the cell cycle is due to ubiquitin-dependent proteasomal degradation.