

## Rabbit anti-Human Ube2L6 Polyclonal Antibody | anti-UBE2L6 antibody

Anti-Ube2L6 Antibody, Rabbit Polyclonal

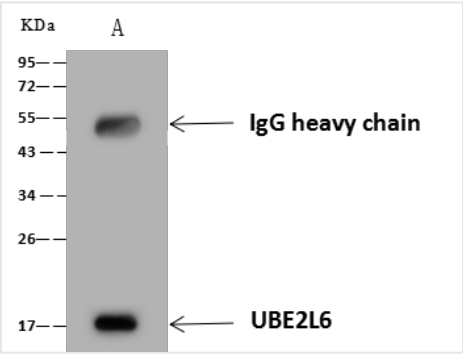
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                               |
|-----------|--------|------------|----------------------------------------------------------------------------|
| AAA257572 | Rabbit | Human      | Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

Ube2L6; Polyclonal Antibody; Anti-Ube2L6 Antibody; Rabbit Polyclonal; Ube2L6 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-RIG-B Antibody; Anti-UBCH8 Antibody; ubiquitin-conjugating enzyme E2L 6; anti-UBE2L6 antibody

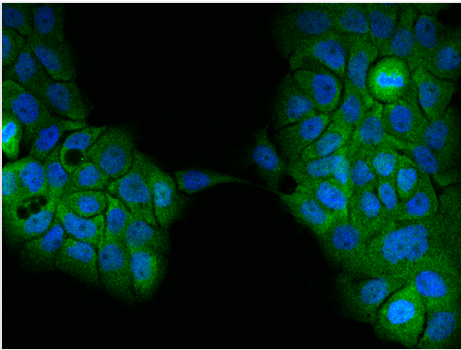
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                                          | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity                                      | Human Ube2L6                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                              | Protein A & Antigen Affinity                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                      | Liquid. PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-UBE2L6 antibody | IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                               |
| Immunogen                                        | E Coli-derived Human Ube2L6 fragment                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation                                      | Produced in rabbits immunized with E Coli-derived Human Ube2L6 fragment, and purified by antigen affinity chromatography.                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                          | <p>This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.</p> <p>This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.</p> |



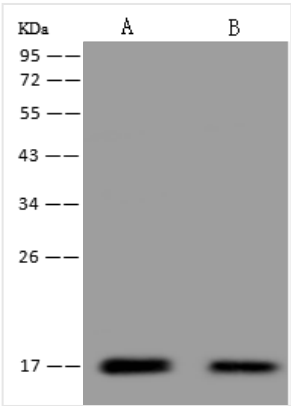
IP (Immunoprecipitation)

UBE2L6 was immunoprecipitated using: Lane A: 0.5 mg Daudi Whole Cell Lysate 4 uL anti-UBE2L6 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-UBE2L6 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 18 kDa. Observed band size: 17 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of UBE2L6 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human UBE2L6 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



WB (Western Blot)

Anti-UBE2L6 rabbit polyclonal antibody at 1:500 dilution. Lane A: Daudi Whole Cell Lysate. Lane B: MOLT-4 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 18 kDa.

ADDITIONAL INFORMATION

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|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-UBE2L6 antibody</b> | Background: UBCH8, also known as UBE2L6, belongs to the ubiquitin-conjugating enzyme family. The family of ubiquitin-conjugating (E2) enzymes is characterized by the presence of a highly conserved ubiquitin-conjugating (UBC) domain. These domains accommodate the ATP-activated ubiquitin (Ub) or ubiquitin-like (UBL) protein via a covalently linked thioester onto its active-site residue. E2 enzymes act via selective protein-protein interactions with the E1 and E3 enzymes and connect activation to covalent modification. By doing so, E2s differentiate effects on downstream substrates, either with a single Ub/UBL molecule or as a chain. UBCH8 is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. It catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. UBCH8 functions in the E6/E6-AP-induced ubiquitination of p53/TP53 and promotes ubiquitination and subsequent proteasomal degradation of FLT3. At protein level, it is present in natural killer cells. |
| <b>References</b>                                           | Moynihan TP, et al. (1999) The ubiquitin-conjugating enzymes Ubch7 and Ubch8 interact with RING finger/IBR motif-containing domains of HHARI and H7-AP1. J Biol Chem. 274(43):30963-8. Ardley HC, et al. (2000) Genomic organization of the human ubiquitin-conjugating enzyme gene, UBE2L6 on chromosome 11q12. Cytogenet Cell Genet. 89(1-2):137-40. Zhao C, et al. (2004) The Ubch8 ubiquitin E2 enzyme is also the E2 enzyme for ISG15, an IFN-alpha/beta-induced ubiquitin-like protein. Proc Natl Acad. 101(20):7578-82. Tripathi MK, et al. (2005) Down-regulation of UCRP and UBE2L6 in BRCA2 knocked-down human breast cells. Biochem Biophys Res Commun. 328(1):43-8.                                                                                                                                                                                                                                                                                                                                                             |

**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.

