

## Rabbit UBE2D3 Polyclonal Antibody | anti-UBE2D3 antibody

UBE2D3 Antibody (C-term)

|                               |                       |                                                                                    |                                            |
|-------------------------------|-----------------------|------------------------------------------------------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA284526</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human (Predicted Reactivity: Pig, Bovine, Monkey, Mouse, Rat)</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------------------------------------------|--------------------------------------------|

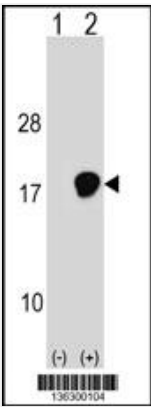
### PRODUCT SYNONYMS

UBE2D3; Polyclonal Antibody; UBE2D3 Antibody (C-term); Ubiquitin-conjugating enzyme E2 D3; Ubiquitin carrier protein D3; Ubiquitin-conjugating enzyme E2(17)KB 3; Ubiquitin-conjugating enzyme E2-17 kDa 3; Ubiquitin-protein ligase D3; UBC5C; UBCH5C; anti-UBE2D3 antibody

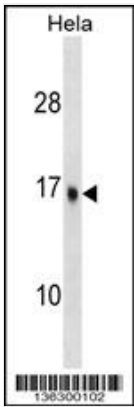
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human (Predicted Reactivity: Pig, Bovine, Monkey, Mouse, Rat)                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This UBE2D3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-136 amino acids from the C-terminal region of human UBE2D3.     |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 109-136                                                                                                                                                                      |
| Sequence Length                                  | 147                                                                                                                                                                          |
| Applicable Applications for anti-UBE2D3 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
Western blot analysis of UBE2D3 (arrow) using rabbit polyclonal UBE2D3 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the UBE2D3 gene.



**WB (Western Blot)**  
UBE2D3 Antibody (C-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the UBE2D3 antibody detected the UBE2D3 protein (arrow).

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-UBE2D3 antibody | The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. Multiple spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been determined. |
| Product Categories/Family for anti-UBE2D3 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| References                                           | Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010)<br>Wu, K., et al. Mol. Cell 37(6):784-796(2010)<br>Vina-Vilaseca, A., et al. J. Biol. Chem. 285(10):7645-7656(2010)<br>Markson, G., et al. Genome Res. 19(10):1905-1911(2009)<br>van Wijk, S.J., et al. Mol. Syst. Biol. 5, 295 (2009) :                                                                                                                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507777                                                                                                             |
| NCBI GeneID                      | 7323                                                                                                                |
| NCBI Accession #                 | NP_003331.1; NP_871615.1; NP_871616.1; NP_871617.1; NP_871618.1; NP_871619.1; NP_871620.1; NP_871621.1; NP_871622.1 |
| NCBI GenBank Nucleotide #        | NM_003340.6                                                                                                         |
| UniProt Accession #              | P61077; P47986; Q6IB88; Q6NXS4; Q8N924; A6NJ93; A6NJB1; A6NM99                                                      |
| Molecular Weight                 | 16687                                                                                                               |
| NCBI Official Full Name          | ubiquitin-conjugating enzyme E2 D3 isoform 1                                                                        |
| NCBI Official Synonym Full Names | ubiquitin-conjugating enzyme E2D 3                                                                                  |
| NCBI Official Symbol             | UBE2D3                                                                                                              |

|                               |                                    |
|-------------------------------|------------------------------------|
| NCBI Official Synonym Symbols | UBC4/5; UBCH5C; E2(17)KB3          |
| NCBI Protein Information      | ubiquitin-conjugating enzyme E2 D3 |
| UniProt Protein Name          | Ubiquitin-conjugating enzyme E2 D3 |
| UniProt Gene Name             | <b>UBE2D3</b>                      |
| UniProt Synonym Gene Names    | UBC5C; UBCH5C                      |
| UniProt Entry Name            | UB2D3_HUMAN                        |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ube2d3-antibody-western-blot-elisa/284526>