

## Rabbit UBE2B Polyclonal Antibody | anti-UBE2B antibody

UBE2B Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY                                               | APPLICATIONS                              |
|-----------|--------|----------------------------------------------------------|-------------------------------------------|
| AAA290227 | Rabbit | Human (Predicted Reactivity: Mouse, Bovine, Rabbit, Rat) | Western Blot, Immunohistochemistry, ELISA |

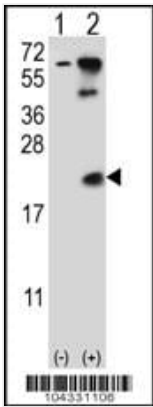
### PRODUCT SYNONYMS

UBE2B; Polyclonal Antibody; UBE2B Antibody (C-term); Ubiquitin-conjugating enzyme E2 B; RAD6 homolog B; HR6B; hHR6B; Ubiquitin carrier protein B; Ubiquitin-conjugating enzyme E2-17 kDa; Ubiquitin-protein ligase B; RAD6B; anti-UBE2B antibody

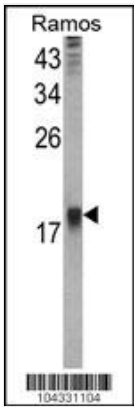
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                    |
| Reactivity                                      | Human (Predicted Reactivity: Mouse, Bovine, Rabbit, Rat)                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                                                                |
| Isotype                                         | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                     | This UBE2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-146 amino acids from the C-terminal region of human UBE2B.                    |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                              | 117-146                                                                                                                                                                                   |
| Sequence Length                                 | 152                                                                                                                                                                                       |
| Applicable Applications for anti-UBE2B antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                                      |
| 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.                                    |

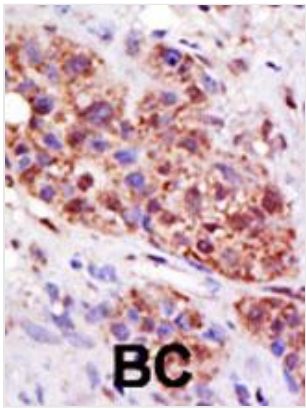
IMAGES



**WB (Western Blot)**  
Western blot analysis of UBE2B (arrow) using rabbit polyclonal UBE2B Antibody (E132). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the UBE2B gene.



**WB (Western Blot)**  
Western blot analysis of UBE2B Antibody (C-term) in Ramos cell line lysates (35ug/lane). UBE2B (arrow) was detected using the purified Pab.



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-UBE2B 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. UBE2B is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. |
| Product Categories/Family for anti-UBE2B antibody   | Cancer; Cell Biology; Metabolism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| References                                          | Koken, M.H., et al., Genomics 12(3):447-453 (1992).<br>Koken, M.H., et al., Proc. Natl. Acad. Sci. U.S.A. 88(20):8865-8869 (1991).<br>Schneider, R., et al., EMBO J. 9(5):1431-1435 (1990).                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 4507771     |
| NCBI GeneID      | 7320        |
| NCBI Accession # | NP_003328.1 |

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_003337.3</a>                                                                                                                         |
| UniProt Accession #              | <a href="#">P63146</a> ; <a href="#">P23567</a> ; <a href="#">Q4PJ15</a> ; <a href="#">Q9D0J6</a> ; <a href="#">B2R503</a> ; <a href="#">D3DQA2</a> |
| Molecular Weight                 | 17312                                                                                                                                               |
| NCBI Official Full Name          | ubiquitin-conjugating enzyme E2 B                                                                                                                   |
| NCBI Official Synonym Full Names | ubiquitin-conjugating enzyme E2B                                                                                                                    |
| NCBI Official Symbol             | UBE2B                                                                                                                                               |
| NCBI Official Synonym Symbols    | HR6B; UBC2; HHR6B; RAD6B; E2-17kDa                                                                                                                  |
| NCBI Protein Information         | ubiquitin-conjugating enzyme E2 B                                                                                                                   |
| UniProt Protein Name             | Ubiquitin-conjugating enzyme E2 B                                                                                                                   |
| UniProt Gene Name                | <b>UBE2B</b>                                                                                                                                        |
| UniProt Synonym Gene Names       | RAD6B; HR6B; hHR6B                                                                                                                                  |
| UniProt Entry Name               | UBE2B_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ube2b-antibody-western-blot-immunohistochemistry-elisa/290227>