

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

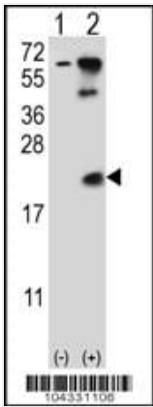
PRODUCT SYNONYMS

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

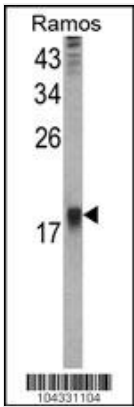
PRODUCT SPECIFICATIONS

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.

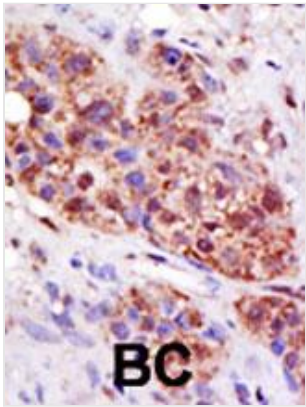
IMAGES



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). Koken, M.H., et al., Proc. Natl. Acad. Sci. U.S.A. 88(20):8865-8869 (1991). 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 #	NM_003337.3
UniProt Accession #	P63146 ; P23567 ; Q4PJ15 ; Q9D0J6 ; B2R503 ; D3DQA2
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	UBE2B
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://www.aaabiotech.com/polyclonal/ube2b-antibody-western-blot-immunohistochemistry-elisa/290227>