

Rabbit UBE2D2 Polyclonal Antibody | anti-UBE2D2 antibody

UBE2D2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285940	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat, Xenopus)	ELISA, Western Blot

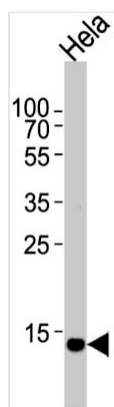
PRODUCT SYNONYMS

UBE2D2; Polyclonal Antibody; UBE2D2 Antibody (C-term); Ubiquitin-conjugating enzyme E2 D2; Ubiquitin carrier protein D2; Ubiquitin-conjugating enzyme E2(17)KB 2; Ubiquitin-conjugating enzyme E2-17 kDa 2; Ubiquitin-protein ligase D2; p53-regulated ubiquitin-conjugating enzyme 1; PUBC1; UBC4; UBC5B; UBCH4; UBCH5B; anti-UBE2D2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat, Xenopus)
Clonality	Polyclonal
Isotype	IgG
Specificity	This UBE2D2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-140 amino acids from the C-terminal region of human UBE2D2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	112-140
Sequence Length	147
Applicable Applications for anti-UBE2D2 antibody	ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysate from HeLa cell line, using UBE2D2 Antibody (C-term). AAA285940 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2D2 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. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.
Product Categories/Family for anti-UBE2D2 antibody	Cell Biology
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Wu, K., et al. Mol. Cell 37(6):784-796(2010) Vina-Vilaseca, A., et al. J. Biol. Chem. 285(10):7645-7656(2010) Sakata, E., et al. Structure 18(1):138-147(2010) Kamadurai, H.B., et al. Mol. Cell 36(6):1095-1102(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507775
NCBI GeneID	7322
NCBI Accession #	NP_003330.1; NP_862821.1
NCBI GenBank Nucleotide #	NM_003339.2
UniProt Accession #	P62837; P51669; Q3MN78; Q96RP6; D3DQC9
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 D2 isoform 1
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2D 2
NCBI Official Symbol	UBE2D2
NCBI Official Synonym Symbols	UBC4; PUBC1; UBCH4; UBC4/5; UBCH5B; E2(17)KB2
NCBI Protein Information	ubiquitin-conjugating enzyme E2 D2
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 D2
UniProt Gene Name	UBE2D2
UniProt Synonym Gene Names	PUBC1; UBC4; UBC5B; UBCH4; UBCH5B
UniProt Entry Name	UB2D2_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.