

## Product datasheet for **AP54437PU-N**

### UBE2D2 (C-term) Rabbit Polyclonal Antibody

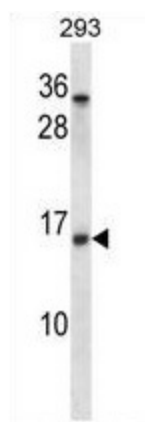
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 111-140 amino acids from the C-terminal region of human UBE2D2
Specificity:	This antibody detects UBE2D2 (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquitin conjugating enzyme E2 D2
Database Link:	<a href="#">Entrez Gene 7322 Human P62837</a>



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- Background:** 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.
- Synonyms:** Ubiquitin-conjugating enzyme E2 D2, Ubiquitin-protein ligase D2, Ubiquitin carrier protein D2, UBC4, UBCH5B, E2(17)KB 2
- Note:** **Molecular Weight:** 16735 Da
- Protein Pathways:** Ubiquitin mediated proteolysis

**Product images:**

UBE2D2 Antibody (C-term) western blot analysis in 293 cell line lysates (35 ug/lane). This demonstrates the UBE2D2 antibody detected the UBE2D2 protein (arrow).