

**UBE2D2 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20813a****Specification**

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**UBE2D2 Antibody (N-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">P62837</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 16735                  |
| Antigen Region    | 7-40                   |

**UBE2D2 Antibody (N-term) - Additional Information****Gene ID** 7322**Other Names**

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, UBE2D2, PUBC1, UBC4, UBC5B, UBCH4, UBCH5B

**Target/Specificity**

This UBE2D2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 44-76 amino acids from the N-terminal region of human UBE2D2.

**Dilution**

WB~~1:2000

**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.

**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.

**Precautions**

UBE2D2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**UBE2D2 Antibody (N-term) - Protein Information****Name** UBE2D2**Synonyms** PUBC1, UBC4, UBC5B, UBCH4, UBCH5B

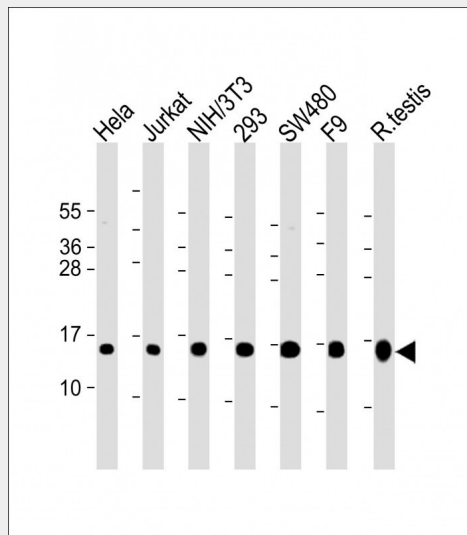
**Function** Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins (PubMed:[10329681](#), PubMed:[18042044](#), PubMed:[18703417](#), PubMed:[20061386](#), PubMed:[20403326](#), PubMed:[20525694](#), PubMed:[26475854](#), PubMed:[28322253](#)). Catalyzes 'Lys-48'- linked polyubiquitination (PubMed:[10329681](#), PubMed:[18042044](#), PubMed:[18359941](#), PubMed:[18703417](#), PubMed:[20061386](#), PubMed:[20403326](#), PubMed:[20525694](#), PubMed:[26475854](#)). Mediates the selective degradation of short-lived and abnormal proteins (PubMed:[10329681](#), PubMed:[18042044](#), PubMed:[18359941](#), PubMed:[18703417](#), PubMed:[20061386](#), PubMed:[20403326](#), PubMed:[20525694](#), PubMed:[26475854](#)). Functions in the E6/E6-AP-induced ubiquitination of p53/TP53 (PubMed:[15280377](#)). Mediates ubiquitination of PEX5 and SQSTM1 and autoubiquitination of STUB1 and TRAF6 (PubMed:[18359941](#), PubMed:[28322253](#)). Involved in the signal-induced conjugation and subsequent degradation of NFKBIA, FBXW2-mediated GCM1 ubiquitination and degradation, MDM2-dependent degradation of p53/TP53 and the activation of MAVS in the mitochondria by RIGI in response to viral infection (PubMed:[18703417](#), PubMed:[20403326](#)). Essential for viral activation of IRF3 (PubMed:[19854139](#)).

### UBE2D2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### UBE2D2 Antibody (N-term) - Images



All lanes : Anti-UBE2D2 Antibody (N-term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: NIH/3T3 whole cell lysate Lane 4: 293 whole cell lysate Lane 5: SW480 whole cell lysate Lane 6: F9 whole cell lysate Lane 7: rat testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### UBE2D2 Antibody (N-term) - Background

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys- 48'-linked polyubiquitination. Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP- induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and autoubiquitination of STUB1 and TRAF6. Involved in the signal-induced conjugation and subsequent degradation of NFKBIA, FBXW2-mediated GCM1 ubiquitination and degradation, MDM2-dependent degradation of p53/TP53 and the activation of MAVS in the mitochondria by DDX58/RIG-I in response to viral infection. Essential for viral activation of IRF3.

#### **UBE2D2 Antibody (N-term) - References**

- Jensen J.P.,et al.J. Biol. Chem. 270:30408-30414(1995).  
Rolfe M.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:3264-3268(1995).  
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Yin Y.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).