

**UBE2D2 Polyclonal Antibody**  
Catalog # AP72981**Specification****UBE2D2 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P62837</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**UBE2D2 Polyclonal Antibody - Additional Information****Gene ID** 7322**Other Names**

UBE2D2; UBC4; UBC5B; UBCH4; UBCH5B; 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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**UBE2D2 Polyclonal Antibody - 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](http://www.uniprot.org/citations/10329681), PubMed: [18042044](http://www.uniprot.org/citations/18042044), PubMed: [18703417](http://www.uniprot.org/citations/18703417), PubMed: [20061386](http://www.uniprot.org/citations/20061386), PubMed: [20403326](http://www.uniprot.org/citations/20403326), PubMed: [20525694](http://www.uniprot.org/citations/20525694), PubMed: [26475854](http://www.uniprot.org/citations/26475854), PubMed: [28322253](http://www.uniprot.org/citations/28322253)). Catalyzes 'Lys-48'- linked polyubiquitination (PubMed: [10329681](http://www.uniprot.org/citations/10329681), PubMed: [18042044](http://www.uniprot.org/citations/18042044), PubMed: [18042044](http://www.uniprot.org/citations/18042044), PubMed: [18042044](http://www.uniprot.org/citations/18042044)).

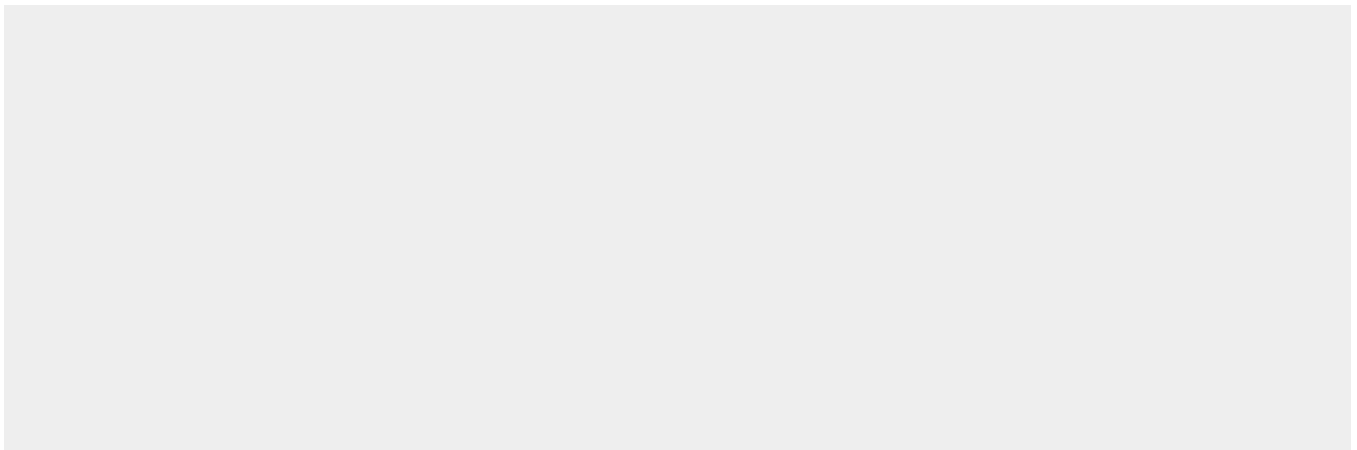
<http://www.uniprot.org/citations/18359941> target="\_blank">18359941</a>, PubMed:<a href="http://www.uniprot.org/citations/18703417" target="\_blank">18703417</a>, PubMed:<a href="http://www.uniprot.org/citations/20061386" target="\_blank">20061386</a>, PubMed:<a href="http://www.uniprot.org/citations/20403326" target="\_blank">20403326</a>, PubMed:<a href="http://www.uniprot.org/citations/20525694" target="\_blank">20525694</a>, PubMed:<a href="http://www.uniprot.org/citations/26475854" target="\_blank">26475854</a>). Mediates the selective degradation of short-lived and abnormal proteins (PubMed:<a href="http://www.uniprot.org/citations/10329681" target="\_blank">10329681</a>, PubMed:<a href="http://www.uniprot.org/citations/18042044" target="\_blank">18042044</a>, PubMed:<a href="http://www.uniprot.org/citations/18359941" target="\_blank">18359941</a>, PubMed:<a href="http://www.uniprot.org/citations/18703417" target="\_blank">18703417</a>, PubMed:<a href="http://www.uniprot.org/citations/20061386" target="\_blank">20061386</a>, PubMed:<a href="http://www.uniprot.org/citations/20403326" target="\_blank">20403326</a>, PubMed:<a href="http://www.uniprot.org/citations/20525694" target="\_blank">20525694</a>, PubMed:<a href="http://www.uniprot.org/citations/26475854" target="\_blank">26475854</a>). Functions in the E6/E6-AP-induced ubiquitination of p53/TP53 (PubMed:<a href="http://www.uniprot.org/citations/15280377" target="\_blank">15280377</a>). Mediates ubiquitination of PEX5 and SQSTM1 and autoubiquitination of STUB1 and TRAF6 (PubMed:<a href="http://www.uniprot.org/citations/18359941" target="\_blank">18359941</a>, PubMed:<a href="http://www.uniprot.org/citations/28322253" target="\_blank">28322253</a>). 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:<a href="http://www.uniprot.org/citations/18703417" target="\_blank">18703417</a>, PubMed:<a href="http://www.uniprot.org/citations/20403326" target="\_blank">20403326</a>). Essential for viral activation of IRF3 (PubMed:<a href="http://www.uniprot.org/citations/19854139" target="\_blank">19854139</a>).

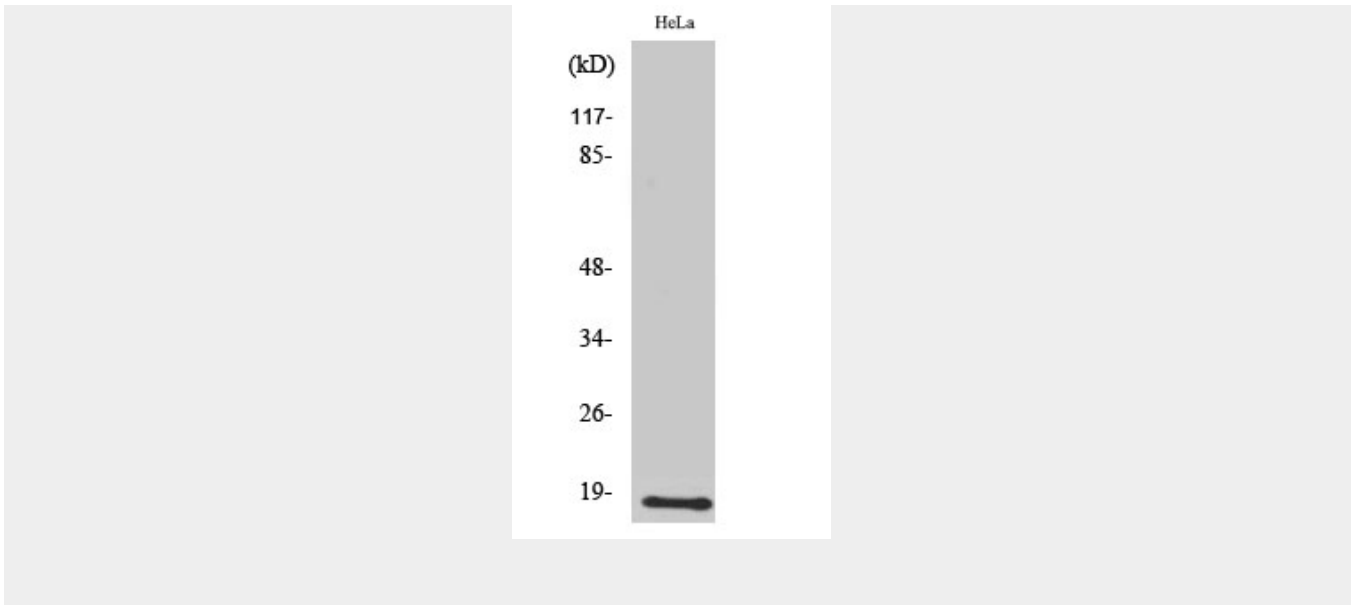
## UBE2D2 Polyclonal Antibody - Protocols

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 Polyclonal Antibody - Images





### UBE2D2 Polyclonal Antibody - 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.