

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

Application	WB
Primary Accession	P62837
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)).

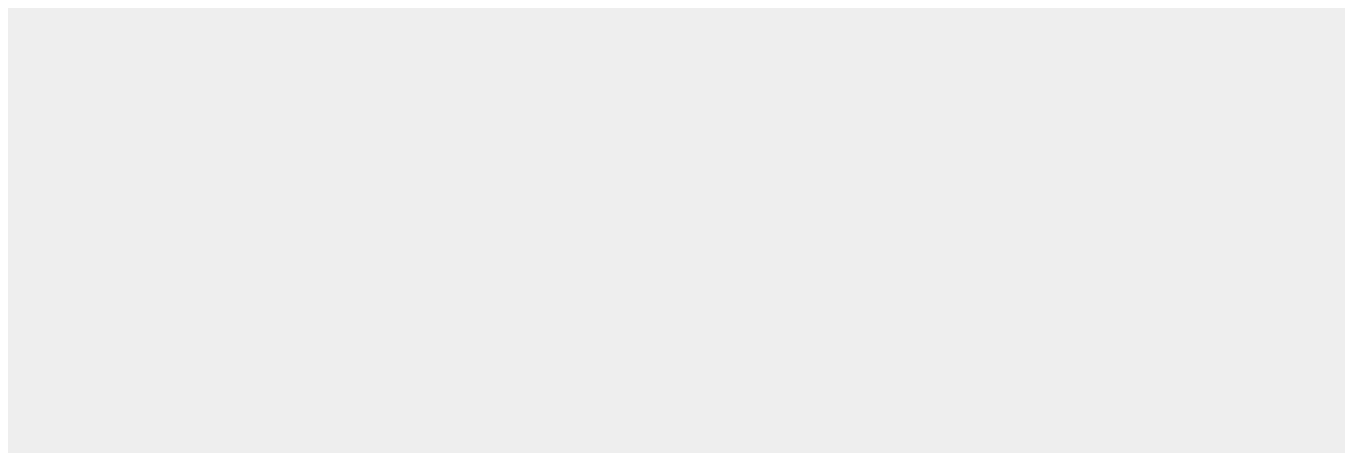
[18359941](http://www.uniprot.org/citations/18359941), PubMed: [18703417](http://www.uniprot.org/citations/18703417), PubMed: [20061386](http://www.uniprot.org/citations/20061386), PubMed: [20403326](http://www.uniprot.org/citations/20403326), PubMed: [20525694](http://www.uniprot.org/citations/20525694),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

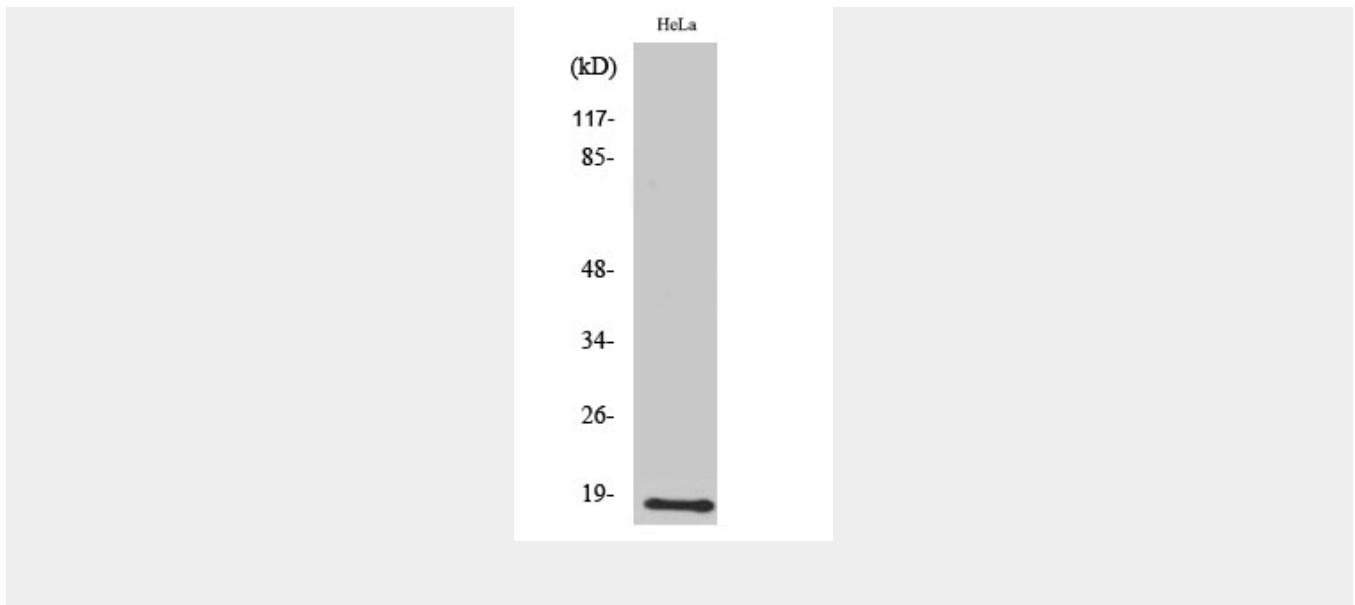
UBE2D2 Polyclonal Antibody - Protocols

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.