

UBE2R2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19755c**Specification**

UBE2R2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q712K3
Other Accession	Q29503 , Q6ZWZ2 , NP_060281.2
Reactivity	Human
Predicted	Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27166
Antigen Region	141-169

UBE2R2 Antibody (Center) - Additional Information**Gene ID** 54926**Other Names**

Ubiquitin-conjugating enzyme E2 R2, Ubiquitin carrier protein R2, Ubiquitin-conjugating enzyme E2-CDC34B, Ubiquitin-protein ligase R2, UBE2R2, CDC34B, UBC3B

Target/Specificity

This UBE2R2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-169 amino acids from the Central region of human UBE2R2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

UBE2R2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2R2 Antibody (Center) - Protein Information**Name** UBE2R2

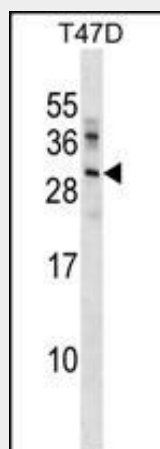
Synonyms CDC34B, UBC3B

Function E2 ubiquitin-conjugating enzyme that accepts ubiquitin from an E1 ubiquitin-activating protein, and catalyzes its covalent attachment to other proteins by an E3 ubiquitin-protein ligase complex (PubMed:[12037680](#), PubMed:[20061386](#), PubMed:[38326650](#)). In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination (PubMed:[12037680](#), PubMed:[20061386](#), PubMed:[38326650](#)). Works in collaboration with various Cul1-RING and Cul2-RING E3 ligase complexes (PubMed:[38326650](#)). May be involved in degradation of katenin (PubMed:[12037680](#)).

UBE2R2 Antibody (Center) - 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](#)

UBE2R2 Antibody (Center) - Images

UBE2R2 Antibody (Center) (Cat. #AP19755c) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the UBE2R2 antibody detected the UBE2R2 protein (arrow).

UBE2R2 Antibody (Center) - Background

Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation.

UBE2R2 Antibody (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)
Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)
Ferreira, M.A., et al. Nat. Genet. 40(9):1056-1058(2008)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)