

**UBE2C / UBCH10 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2989a

**Specification**

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**UBE2C / UBCH10 Antibody (internal region) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O00762</a>
Other Accession	<a href="#">NP_008950.1</a> , <a href="#">NP_861515.1</a> , <a href="#">NP_861517.1</a> , <a href="#">11065</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	19652

**UBE2C / UBCH10 Antibody (internal region) - Additional Information**

**Gene ID** 11065

**Other Names**

Ubiquitin-conjugating enzyme E2 C, 6.3.2.19, UbcH10, Ubiquitin carrier protein C, Ubiquitin-protein ligase C, UBE2C, UBCH10

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

UBE2C / UBCH10 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**UBE2C / UBCH10 Antibody (internal region) - Protein Information**

**Name** UBE2C

**Synonyms** UBCH10

**Function**

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Acts by initiating 'Lys-11'-linked polyubiquitin chains on

APC/C substrates, leading to the degradation of APC/C substrates by the proteasome and promoting mitotic exit.

### **UBE2C / UBCH10 Antibody (internal region) - 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](#)

### **UBE2C / UBCH10 Antibody (internal region) - Images**

### **UBE2C / UBCH10 Antibody (internal region) - Background**

This antibody is expected to recognize isoforms 1 (NP\_008950.1), 2 ( NP\_861515.1) and 4 (NP\_861517.1) . Reported variants NP\_861517.1 and NP\_861518.1 represent identical protein.

### **UBE2C / UBCH10 Antibody (internal region) - References**

Ubch10 has a rate-limiting role in G1 phase but might not act in the spindle checkpoint or as part of an autonomous oscillator. Walker A, Acquaviva C, Matsusaka T, Koop L, Pines J, Journal of cell science 2008 Jul 121 (Pt 14): 2319-26. PMID: 18559889