10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

UBE2C / UBCH10 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2989a

Specification

UBE2C / UBCH10 Antibody (internal region) - Product Information

Application	**WB, E**
Primary Accession	O00762
Other Accession	NP_008950.1, NP_861515.1, NP_861517.1, 11065
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 Cytomety
- 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_861518.1represent 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