

### **International Office**

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# EB09517 - Goat Anti-UBE2C / UBCH10 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** UBE2C, ubiquitin-conjugating enzyme E2C, UBCH10, dJ447F3.2, OTTHUMP00000031653, OTTHUMP00000031655, cyclin-selective ubiquitin carrier protein, mitotic-specific ubiquitin-conjugating enzyme, ubiquitin carrier protein E2-C,

ubiquitin-protein ligase C **Official Symbol:** UBE2C

Accession Number(s): NP\_008950.1; NP\_861515.1; NP\_861517.1

Human GeneID(s): 11065

Important Comments: 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.

### **Immunogen**

Peptide with sequence C-SGDKGISAFPESDN, from the internal region of the protein sequence according to NP\_008950.1; NP\_861515.1; NP\_861517.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 19kDa band observed in lysates of cell lines HEK293 and HeLa (calculated MW of 19.7kDa according to NP\_008950.1). Recommended concentration: 1-3μg/ml.

# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09517 (1 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.