

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05759-B - Goat Anti-UBE2I, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** UBE2I, ubiquitin-conjugating enzyme E2I, C358B7.1, P18, UBC9, SUMO-1-protein ligase, SUMO-protein ligase, ubiquitin carrier protein 9, ubiquitin carrier protein I, ubiquitin conjugating enzyme 9, ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast), ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9), ubiquitin-conjugating enzyme UbcE2A, ubiquitin-like protein SUMO-1 conjugating enzyme, ubiquitin-protein ligase E2I, ubiquitin-protein ligase I, ubiquitin-conjugating enzyme E2I

**Official Symbol:** UBE2I

**Accession Number(s):** NP\_003336.1

**Human GeneID(s):** [7329](#)

**Non-Human GeneID(s):** 22196 (mouse), 25573 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_919237.1, NP\_003336.1, NP\_919236.1, NP\_919235.1

### Immunogen

Peptide with sequence SGIALSRLAQERKC., from the N Terminus of the protein sequence according to NP\_003336.1.

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 1:64000.

**Western blot:** Approx 17kDa band observed in Human Kidney lysates (calculated MW of 18.0kDa according to Human NP\_003336.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

**IHC:** .

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human

Biotinylated EB05759 (0.5µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.