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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

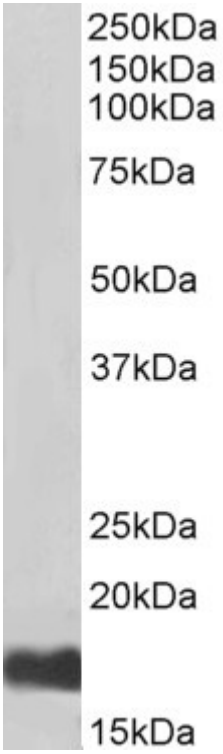
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.