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

EB05759 - Goat Anti-UBE2I Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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 SGIALSRLAQERK-C, 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, Lung and Testis lysates and in Mouse and Rat Heart, Spleen and Testis lysates (calculated MW of 18.0kDa according to Human NP_003336.1). Recommended concentration: 0.1-0.3µg/ml

IHC: In paraffin embedded Human Kidney, shows nuclear staining of some epithelial cells of glomeruli and renal tubules. Recommended concentration: 1µg/ml.

Immunocytochemistry: A customer found positive results in Mouse oocytes.

Species Reactivity

Tested: Human, Mouse, Rat

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

EB05759 (0.1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB05759 (0.3µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.