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Research Use Only. Not for diagnostic or therapeutic use.

EB05759-T - Goat Anti-UBE2I Antibody - Trial

Size: 20µg specific antibody in 40µl



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 GenelD(s): 7329

Non-Human GenelD(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.

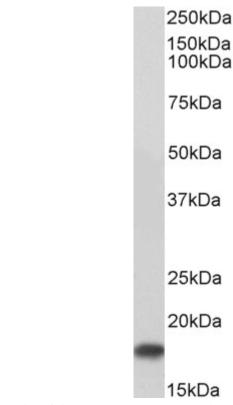
Western blot: Approx 17kDa band observed in Human Kidney lysates and in Rat Ovary, Heart and Testis lysates (calculated MW of 18.0kDa according to Human NP_003336.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

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

Species Reactivity

Tested: Human, Rat

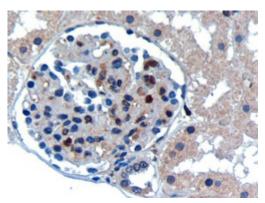
Expected from sequence similarity: Human, Mouse, Rat, Dog



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



 $EB05759\ (0.3\mu\text{g/ml})\ staining\ of\ Rat\ Ovary\ lysate\ (35\mu\text{g}\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$



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