

#### International Office

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# 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 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.

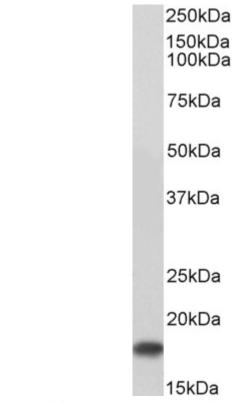
**Western blot:** Approx 17kDa band observed in Human Kidney lysates and in Rat Ovary, Heart and Testis lysates (calculated MW of 18.0kDa according to Human NP\_003336.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**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

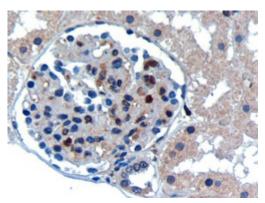
Expected from sequence similarity: Human, Mouse, Rat, Dog



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 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.