



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

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

EB06827 - Goat Anti-VPS33B (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: VPS33B, vacuolar protein sorting 33B (yeast), HGNC:12712, FLJ14848, vacuolar protein sorting 33B (yeast homolog), vacuolar protein sorting 33B (yeast homolog)

Official Symbol: VPS33B

Accession Number(s): NP_061138.2

Human GeneID(s): [26276](#)

Immunogen

Peptide with sequence CESIMKKKTKQDFQ, from the internal region of the protein sequence according to NP_061138.2.

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 1:32000.

Western blot: Western Blot: Preliminary experiments gave an approx 48kDa band in Human lysates of kidney fibroblast cell line HEK293 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 70.6kDa according to NP_061138.2. The 48kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Immunohistochemistry: Preliminary experiments in Human Kidney showed staining of epithelial cells of renal glomeruli and some renal tubules. Recommended concentration 5-10µg.

Species Reactivity

Tested:

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