



## International Office

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**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