

## UK Office

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

## EB12493 - Goat Anti-VPS16 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** VPS16, vacuolar protein sorting 16 homolog (S. cerevisiae), hVPS16, OTTHUMP00000030047, OTTHUMP00000030048, vacuolar protein sorting protein 16, vacuolar protein sorting-associated protein 16 homolog

**Official Symbol:** VPS16

**Accession Number(s):** NP\_072097.2; NP\_536338.1

**Human GeneID(s):** [64601](#)

**Non-Human GeneID(s):** 80743 (mouse), 296159 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_072097.2; NP\_536338.1).

### Immunogen

Peptide with sequence CYKVQQKDVSDDED, from the internal region of the protein sequence according to NP\_072097.2; NP\_536338.1.

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 1:128000.

**Western blot:** Approx 95+80kDa band observed in lysates of cell line HepG2 and 95kDa in Mouse Spleen (calculated MW of 94.7kDa according to NP\_072097.2 and 78.3kDa according to NP\_536338.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB12493 (1 $\mu$ g/ml) staining of HepG2 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12493 (0.5 $\mu$ g/ml) staining of Mouse Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.