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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 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.

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