

International 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, OTTHUMP0000030048, 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 GenelD(s): <u>64601</u> Non-Human GenelD(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 CYKVQQKDVSDED, 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.

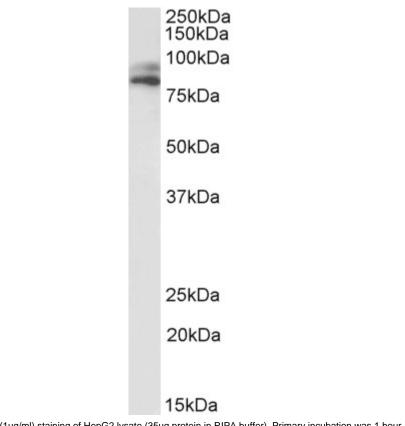
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

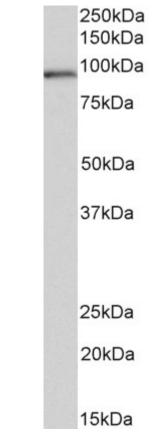
Western blot: Approx 95+80kDa band observed in lysates of cell line HepG2 and 95kDa in Mouse Spleen (calculated MW of 94.7kDa according to NP_072097.2 and 78.3kDa according to NP_536338.1). Recommended concentration: 1-3µg/ml.

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.