



Goat anti-VPS16 Antibody

Item Number	dAP-3130
Target Molecule	Principle Name: VPS16; Official Symbol: VPS16; All Names and Symbols: VPS16; vacuolar protein sorting 16 homolog (S. cerevisiae); hVPS16; OTTHUMP00000030047; OTTHUMP00000030048; vacuolar protein sorting protein 16; vacuolar protein sorting-associated protein 16 homolog; Accession Number (s): NP_072097.2; NP_536338.1; Human Gene ID(s): 64601; Non-Human GeneID(s): 80743 (mouse) 296159 (rat)
Immunogen	CYKVQKQDVSDDED, is from internal region This antibody is expected to recognize both reported isoforms (NP_072097.2; NP_536338.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Huizing M, Didier A, Walenta J, Anikster Y, Gahl WA, Krämer H. Molecular cloning and characterization of human VPS18, VPS 11, VPS16, and VPS33. Gene. 2001 Feb 21;264(2):241-7. PMID: 11250079->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**