



Goat anti-VPS29 (C Terminus) Antibody

Item Number	dAP-0305
Target Molecule	Principle Name: VPS29 (C Terminus); Official Symbol: VPS29; All Names and Symbols: VPS29; DC7; DC15; PEP11; FLJ20492; DKFZp564F0223; vacuolar protein sorting 29 (yeast); x 007 protein; retromer protein; vacuolar sorting protein VPS29/PEP11; vacuolar protein sorting 29 (yeast homolog); vacuolar protein sorting 29 homolog (S. cerevisiae);; Accession Number (s): NP_057310.1; NP_476528.1; Human Gene ID(s): 51699; Non-Human GeneID(s): 56433 (mouse)
Immunogen	DDVKVERIEYKPP, is from C Terminus This antibody is expected to recognise both human isoforms (represented by NP_057310.1; NP_476528.1).
Applications	Pep ELISA, WB Species Tested: Human
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 16000.
Western Blot	Western Blot: Approx 20+21kDa bands observed in Human Spleen lysates (calculated MW of 20.5kDa according to NP_057310.1 and 20.9kDa according to NP_476528.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubated for 1 hour.
IHC	
Reference	Reference(s): Haft CR, de la Luz Sierra M, Bafford R, Lesniak MA, Barr VA, Taylor SI. Human orthologs of yeast vacuolar protein sorting proteins Vps26, 29, and 35: assembly into multimeric complexes. Mol Biol Cell. 2000 Dec;11(12):4105-16..PMID: 11102511 ->

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**