Goat anti-VPS11 Antibody

Item Number	dAP-0728
Target Molecule	Principle Name: VPS11; Official Symbol: VPS11; All Names and Symbols: VPS11; vacuolar protein sorting 11 (yeast) ; HGNC:14583; END1; PEP5; RNF108; hVPS11 ; vacuolar protein sorting 11 (yeast homolog); vacuolar protein sorting protein 11; vacuolar protein sorting 11 homolog (S. cerevisiae); Accession Number (s): NP_068375.3; Human Gene ID(s): 55823; Non-Human GeneID(s): 71732 (mouse)
Immunogen	HALQEKDTQTKLE, is from internal region
Applications	Pep ELISA, IHC

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; Reconsititute 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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 75kDa band in human duodenum, colon and placenta lysates after 0.3μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the c
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows brushborder staning in PCT cells and Human Pancreas shows cytoplasm staining of beta cells in islets of Langerhans. Recommended concentration, 3-6μg/ml.
Reference	Reference(s): Kim BY, Kramer H, Yamamoto A, Kominami E, Kohsaka S, Akazawa C. Molecular characterization of mammalian homologues of class C Vps proteins that interact with syntaxin-7. J Biol Chem. 2001 Aug 3;276(31):29393-402. Epub 2001 May 29. .PMID: 11382755 ->

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