Goat anti-VPS41 Antibody

Item Number	dAP-0738
Target Molecule	Principle Name: VPS41; Official Symbol: VPS41; All Names and Symbols: VPS41; vacuolar protein sorting 41 (yeast) ; HGNC:12713; HVSP41; vacuolar assembly protein 41; vacuolar protein sorting 41 (yeast homolog); vacuolar protein sorting 41 homolog (S. cerevisiae); HVPS41; hVps41p; vacuolar protein sorting 41; Accession Number (s): NP_055211.2; NP_542198.2; Human Gene ID(s): 27072; Non-Human GeneID(s):
Immunogen	DHLKKDSQNKTLLK, is from internal region This antibody is expected to recognise both reported isoforms (NP_055211.2 and NP_542198.2)
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 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 48kDa and 28kDa in human duodenum, kidney and placenta lysates after 1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows staining of collective tubules. Recommended concentration, 4-6μg/ml.
Reference	Reference(s): McVey Ward D, Radisky D, Scullion MA, Tuttle MS, Vaughn M, Kaplan J. hVPS41 is expressed in multiple isoforms and can associate with vesicles through a RING-H2 finger motif. Exp Cell Res. 2001 Jul 1;267(1):126-34. .PMID: 11412045 ->

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