

Goat anti-VPS29 (Internal) Antibody

Item Number	dAP-0889
Target Molecule	Principle Name: VPS29 (Internal); Official Symbol: VPS29; All Names and Symbols: VPS29; vacuolar protein sorting 29 (yeast) ; DC15; DC7; DKFZp564F0223; FLJ20492; PEP11 ; retromer protein; vacuolar protein sorting 29; vacuolar protein sorting 29 (yeast homolog); vacuolar sorting protein VPS29/PEP11; x 007 protein ; Accession Number (s): NP_057310.1; NP_476528.1; Human Gene ID(s): 51699; Non-Human GenelD(s): 56433 (mouse) 288666 (rat)
Immunogen	CTGNLCTKESYDYLK, is from internal region This antibody is expected to recognise both reported isoforms (NP_057310.1 and NP_476528.1).
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; 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: Preliminary experiments gave an approx 60kDa band in Human Spleen 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 calculated size of 20.5
IHC	Immunohistochemistry: In paraffin embedded Human Uterus shows vesicular and membranous staining in the endometrial glands. Recommended concentration, 4-8µg/ml.
Reference	Reference(s): Nakada-Tsukui K, Saito-Nakano Y, Ali V, Nozaki T. A retromerlike complex is a novel Rab7 effector that is involved in the transport of the virulence factor cysteine protease in the enteric protozoan parasite <i>Entamoeba histolytica</i> . <i>Mol Biol Cell</i> . 2005 Nov;16(11):5294-303. Epub 2005 Aug 24. PMID: 16132000

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**